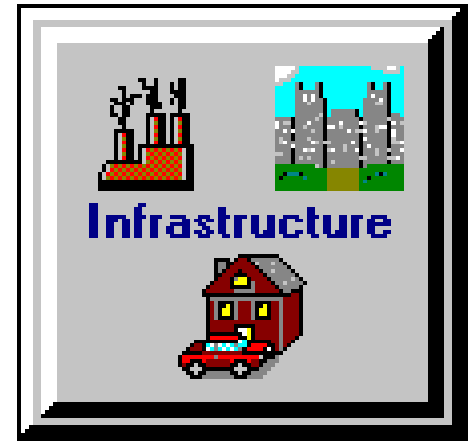
Installation Status Report



ISR Infrastructure

Central Training – Dallas, TX

12 - 16 January 2004

Instructors:
Doug Macherey, ISR Infrastructure Team (703 377-0508)
Hank Procter , ISR Infrastructure Team (703 377-0501)

As of 0800 5 Jan 200

Training Agenda

- Objectives of the training presentation
- Highlights of 2003 Cycle
- Changes for the 2004 Cycle
- Key ISR Milestones for 2004 / 2005 Cycles
- ISR Infrastructure Fundamentals & Building Blocks
- View Updated Facility Inspection Training Video
- Rating Standards
- Rating Sheets
- Approving Infrastructure data

Training Agenda

- Software Demos / Hands-On:
  - Infrastructure web-based Data Entry module
  - ISR Command Viewer (ISRWeb)
    - Historical
    - Current Year
    - Generating Reports
- QA/QC Basics
- Planning Issues
- Using ISR Data as Decision Support Tool
- ISR Assistance
- Survey

Objectives

- Provide a comprehensive training presentation addressing key components and requirements of ISR Infrastructure
- Focus: ISR Infrastructure POCs who have not yet been through an ISR data collection cycle
- Identify principal changes since last ISR cycle
- Develop a better understanding of the ISR process and how ISR products are used
- Identify responsibilities
- Address ISR planning and QA/QC issues
- Address data flow through Regions

Objectives

- Provide practical exercises in use of rating standards, rating sheets and software using facility inspection training video
- Demonstrate Infrastructure web-based Data Entry Module and Command Viewer software, with hands-on usage and practice time
- Provide practical exercises in producing reports from ISR Web software to answer questions
- Provide overview of uses of ISR Infrastructure data
- Ensure that your questions get answered

Highlights of 2003 Cycle

- Critical rating components/elements reinstated after start of rating cycle.
- Ratings recalculated using Critical components. As a result, overall ISR Quality ratings were consistent with previous years.
- July AAR – first since 2001. Over 100 Infrastructure issues addressed. Resulted in a variety of changes.
- Infrastructure data locked in October – later than in prior years

Highlights of 2003 Cycle

Some ‘Gee-Whiz’ Numbers

- 153,365 FCG/FACNO Ratings
  - 52,992 GREEN (34.6%)
  - 65,391 AMBER (42.6%)
  - 34,979 RED (22.8%)
- 1,308,049 component ratings
  - 406,426 GREEN (31.1%)
  - 369,196 AMBER (28.2%)
  - 149,053 RED (11.4%)
  - 383,374 N/A (29.3%)
- 155,594 facilities in ‘raw’ inventory
  - 12,802 of these were Temps

Changes for 2004 Cycle

- PC-based ISR1 no longer used – data entry now via web-based software
- Transition from 5 Areas to 9 Facility Classes, same as has been used for Installation Readiness Report– and same as used by the other Services
- Historical data for 2000 and later has been restructured to reflect the Facility Class data structure
- Ratings Standards Booklets updated and format further streamlined
- 6 new FCGs based on evolving Facility Analysis Class (FAC) structure

Changes for 2004 Cycle

- Initial Infrastructure data file toploaded directly into ISR server
- Adjusted color scheme for all ISR Components – to be consistent with USR and SRS color scheme
- Rating standards for AFH and RCI now combined in Booklet 30
- No Strategic Mobility ratings
- Sustainment costs not displayed
- Scanning no longer supported

C-Rating Summary – New Color Scheme

ISR Infrastructure Quality C-Ratings

C1: Percent of Actual Quality Points >= 90% of Possible Quality Points

C2: Percent of Actual Quality Points >= 75% of Possible

C3: Percent of Actual Quality Points >= 60% of Possible

C4: Percent of Actual Quality Points <60% of Possible Quality Points

C5: Installations in Transition

ISR Infrastructure Quantity C-Ratings

C1: Percent of Perm + Semi >= 95% of Required

C2: Percent of Perm + Semi >= 80% of Required

C3: Percent of Perm + Semi >= 60% of Required

C4: Percent of Perm + Semi <60% of Required

C5: Installations in Transition

Changes for 2004 Cycle

- 'Satellite' function is no longer required or supported, since data entry is now web-based
- ***Evaluator*** role now active for Infrastructure. Intended use is for facility inspectors, to enable them to enter ratings remotely – IF the installation desires to use this approach
- FAC-level cost and ratings data will be calculated but not displayed
- Implementing Instructions have significant update, to include new Chapter 4 addressing new ACSIM-directed training requirements for facilities inspectors

Changes for 2004 Cycle

- Adjusted business rule for handling facilities to be disposed
- Updated facility inspection training video – now also available in DVD format
- Implementing Instructions have significant update, to include new Chapter 4 addressing new ACSIM-directed training requirements for facilities inspectors
- Updated Cost Factors/Cost Multipliers
- Additional RCI installations included

Forthcoming Changes for 200 Cycle

5

Significant update to ISR Infrastructure in 2005:

- Complete revision of all rating standards booklets
  - Increase objectivity of rating elements
  - Format consistent with current booklet for Physical Fitness Facilities; i.e., weighted rating elements
- Rating components will be weighted based on mission importance
- Use of component-level cost factors
- Quality Improvement costing at component level

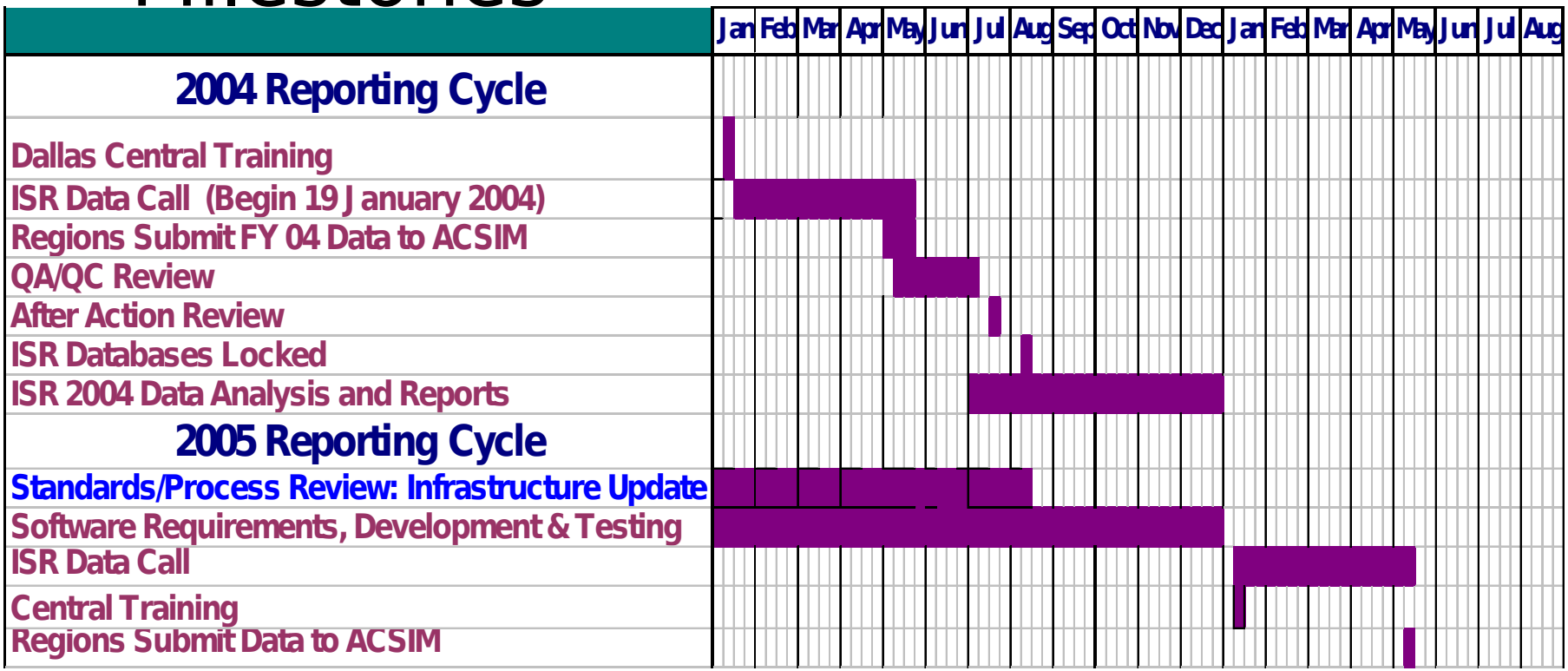
Forthcoming Changes for 2005 Cycle

- New Mission C-rating, starting at facility level
- New Readiness C-rating at Facility Class level
- 3 aggregate C-ratings: C2 C3 C2
  - Misson
  - Quality
  - Quantity
- 'Train the trainer' facility inspection training program – focused on Region-level

These changes will:

- Enhance reliability of ISR ratings and cost data
- Support OSD and CEQA data requirements

ISR Program 2004 / 2005 Milestones


Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug
2004 Reporting Cycle
Dallas Central Training
ISR Data Call (Begin 19 January 2004)
Regions Submit FY 04 Data to ACSIM
QA/QC Review
After Action Review
ISR Databases Locked
ISR 2004 Data Analysis and Reports
2005 Reporting Cycle
Standards/Process Review: Infrastructure Update
Software Requirements, Development & Testing
ISR Data Call
Central Training
Regions Submit Data to ACSIM

ISR Operates On A Predictable, Repetitive Annual Cycle

ISR Fundamentals

Installation Management

VISION

To have all Army installations provide quality, effective, efficient and consistent support to the warfighter.

Simplify & Structure Decision Making

Manage Installations to Standards

Concept:

Connect Resources to Outcomes Measured Against Standards

Categorize $ Requirements:

- **Sustainment**
- **Improvement**

Approach:

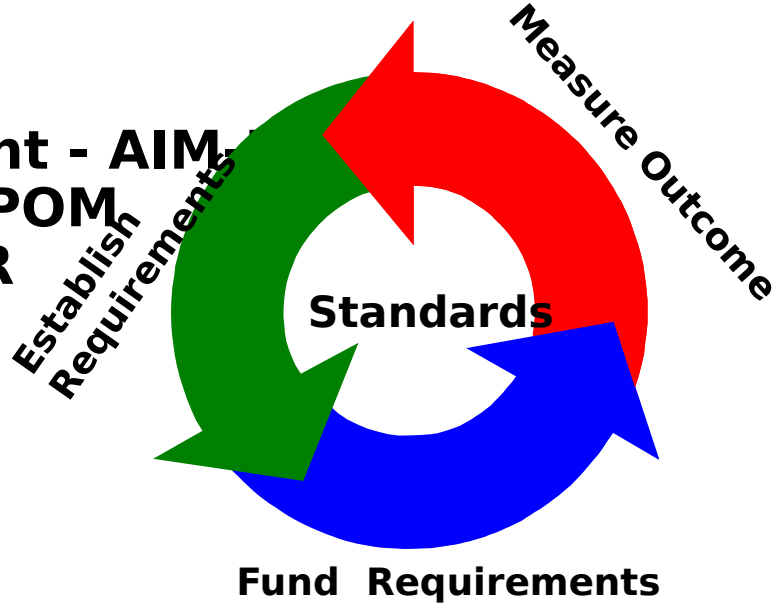
Set Standards - ISR

Establish $ Requirement - AIM

Fund $ Requirement - POM

Measur - ISR

Your Data Matters!



What Is ISR?

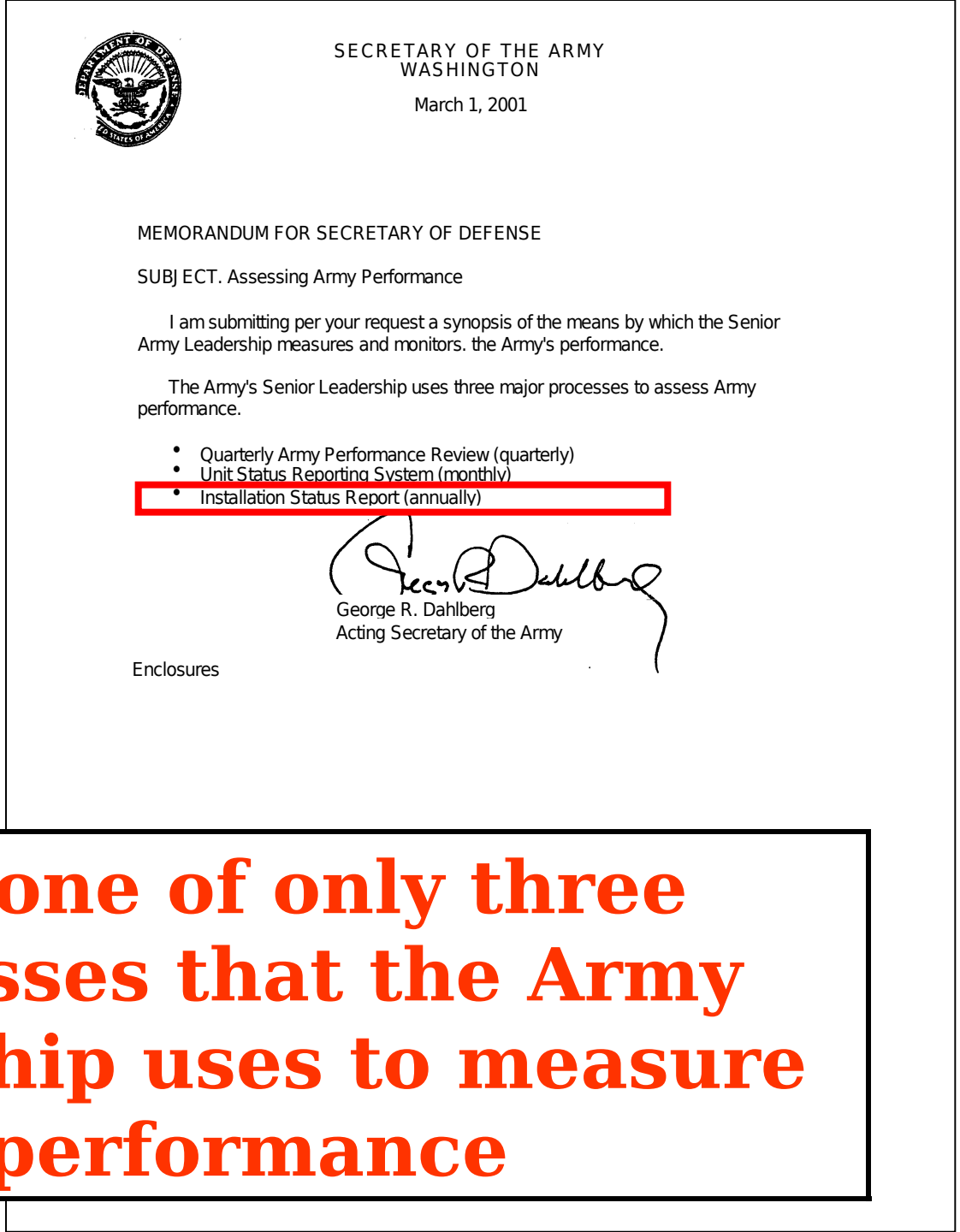
The ISR is a "Decision Support System" to improve the management of limited resources for installations. It consists of the following components:

- An evaluation process based on Army-wide standards.
- Software for storing, reporting, and analyzing data.
- An analysis process for comparing conditions and estimating costs.

What ISR Infrastructure Does

- ISR is a decision-support system. It:
  - ✓ Assesses **installation conditions** against established **Army-wide standards**
  - ✓ Articulates installation and Army needs
  - ✓ Estimates macro-level **resource requirements**
  - ✓ Assists in **prioritizing programs, projects**
  - ✓ Assists in **allocation of resources**
  - ✓ Measures **trends** over time
  - ✓ Provides the basis for responding to the Installation Readiness Report

What Does The Army Leadership Think of ISR?



SECRETARY OF THE ARMY
WASHINGTON

March 1, 2001

MEMORANDUM FOR SECRETARY OF DEFENSE

SUBJ ECT. Assessing Army Performance

I am submitting per your request a synopsis of the means by which the Senior Army Leadership measures and monitors. the Army's performance.

The Army's Senior Leadership uses three major processes to assess Army performance.

- Quarterly Army Performance Review (quarterly)
- Unit Status Reporting System (monthly)
- Installation Status Report (annually)

George R. Dahlberg
Acting Secretary of the Army

Enclosures

It is one of only three processes that the Army leadership uses to measure performance

ISR Infrastructure Applies To

- Real property assets for which the Army both **programs** and **allocates dollars** or is otherwise **reimbursed** (Exception: RCI Housing)
- Permanent & Semi-Permanent Facilities
- Active and Reserve Component (USAR, ARNG) installations, activities and properties
- Leased facilities for the USAR

ISR Does NOT Apply To

- **BRAC** installations
- **Leased** properties and **temporary** facilities.
  - Exception: USAR rates leased
- **Layaway/Mothballed** facilities
- Facilities at installations of **other Services** where Army units/activities are tenants
- **National cemeteries**
- **Civil Works** projects under jurisdiction of the Secretary of the Army
- **GOCO installations** – but GOCO facilities at other installations ARE rated
- **Privately-owned property - except RCI housing**

ISR Infrastructure & Real Property Inventory

- ISR Tracks by Facility Category Group (FCG) *[IFS is at Category Code level of detail]*
- 282 FCGs in 2004 – an increase of 6 from 2003
- Represents About 90% of Total Army Property Value
- Includes Only Army-Owned Facilities + RCI Housing
- Real property assets source for ISR is the installation's latest IFS update into

ISR Infrastructure Groupings 2003

5 Areas (Mission, Mobility, Housing, Community, Installation Support)

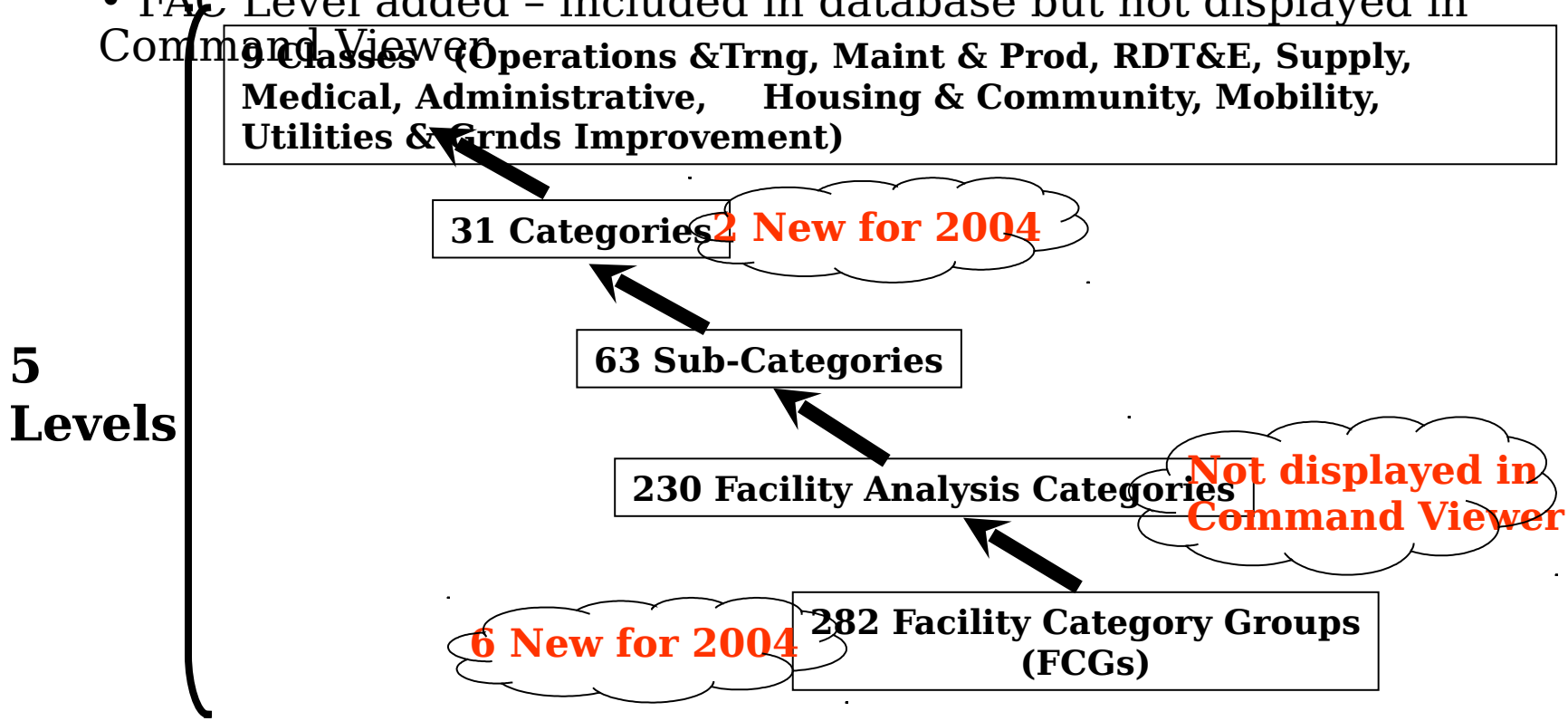
29 Categories

63 Sub-Categories

276 Facility Category Groups (FCGs)

ISR Infrastructure Groupings 2004

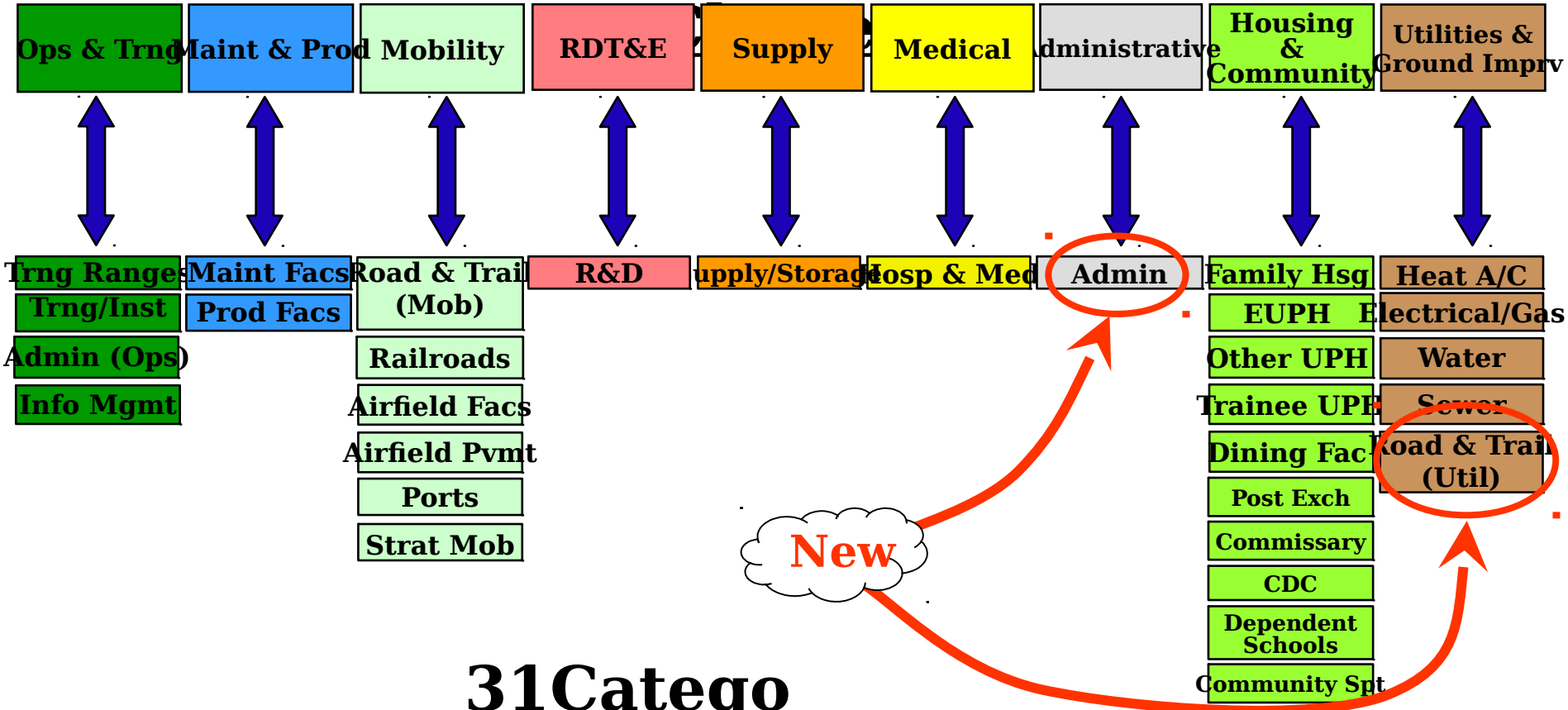
- Replace 5 Infrastructure Areas with 9 DoD Facility Classes – same as IRR structure
- Association of one rating booklet per Sub-Category is retained (63 Booklets)
- FAC Level added – included in database but not displayed in Command Viewer


5 Levels
9 Classes (Operations &Trng, Maint & Prod, RDT&E, Supply, Medical, Administrative, Housing & Community, Mobility, Utilities & Grnds Improvement)
31 Categories
2 New for 2004
63 Sub-Categories
230 Facility Analysis Categories
Not displayed in Command Viewer
282 Facility Category Groups (FCGs)
6 New for 2004

ISR Infrastructure Groupings

Classes & Categories

9 Facility



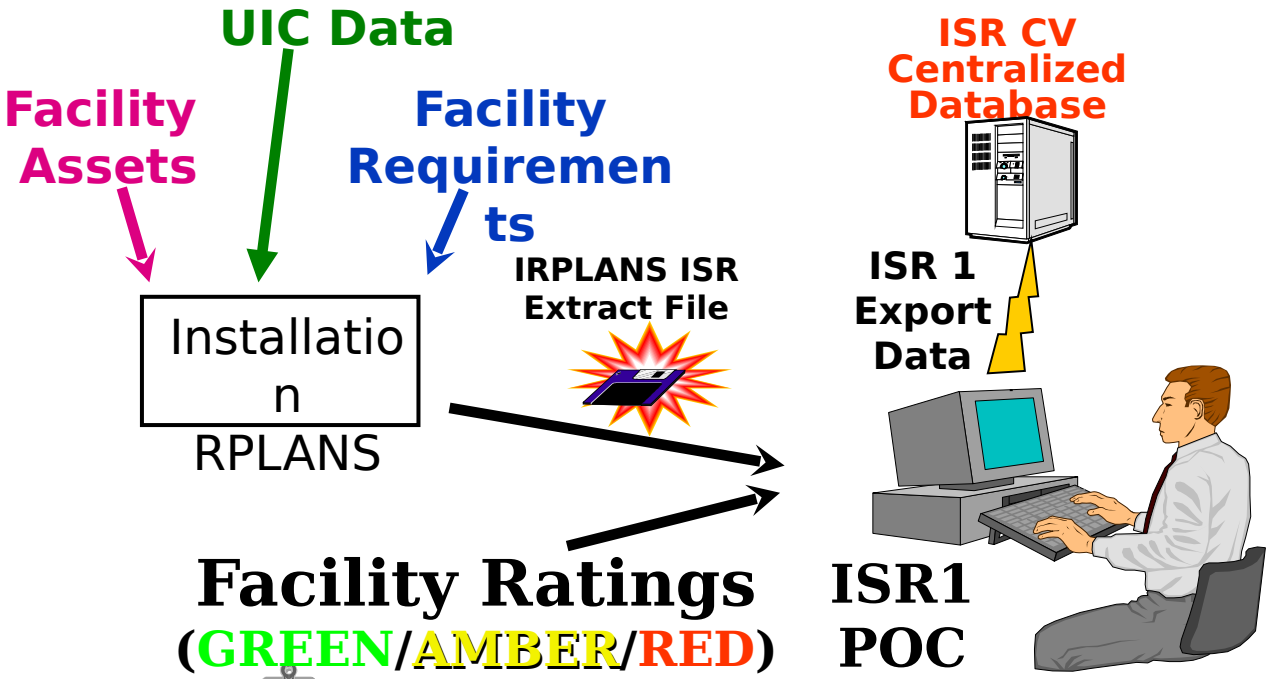
31Categories

Questions?

- Purpose of ISR?
- What ISR rates?
- What ISR does NOT rate?
- What IFS data is the basis for what you see in ISR1?
- Facility data groupings?

Infrastructure Data Flow

2003



Infrastructure Data Flow

2004

Facility Requirements

UIC Data

Facility Assets

Installation

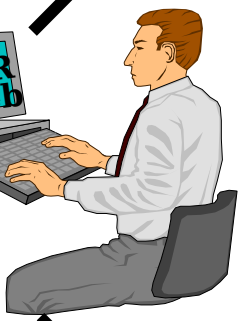
RPLANS

IRPLANS ISR Extract File

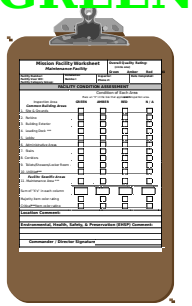
ISR CV Centralized Database – Input Module

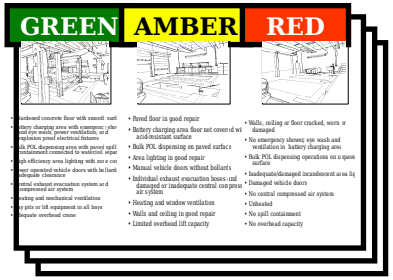
NOW

ISR1 POC



Facility Ratings (GREEN/AMBER/RED)

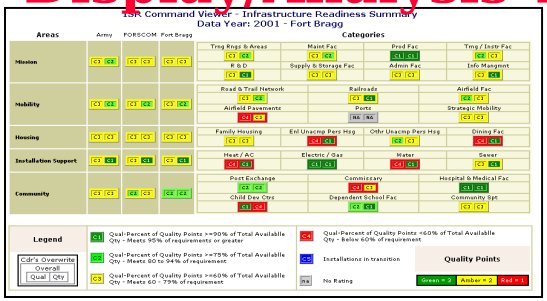


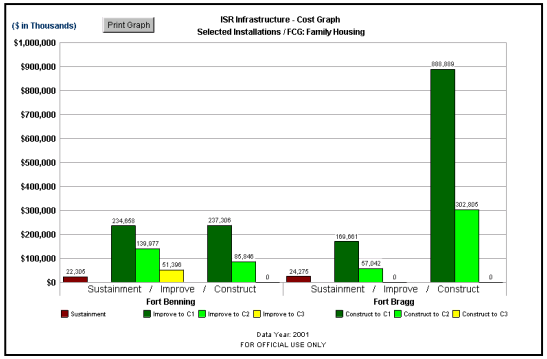


Worksheet

Standards Booklet

Display/Analysis Tool

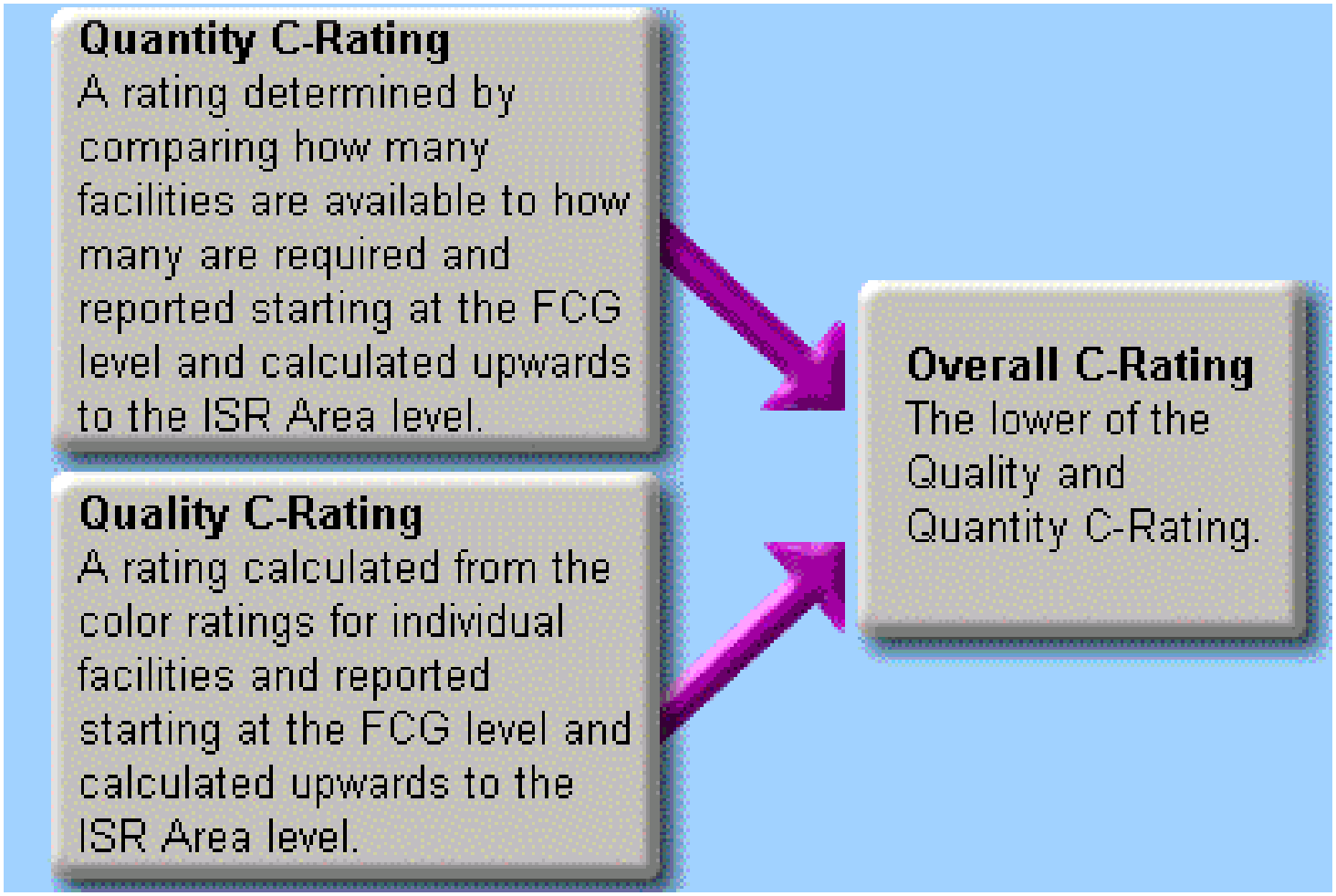




Installation Reports

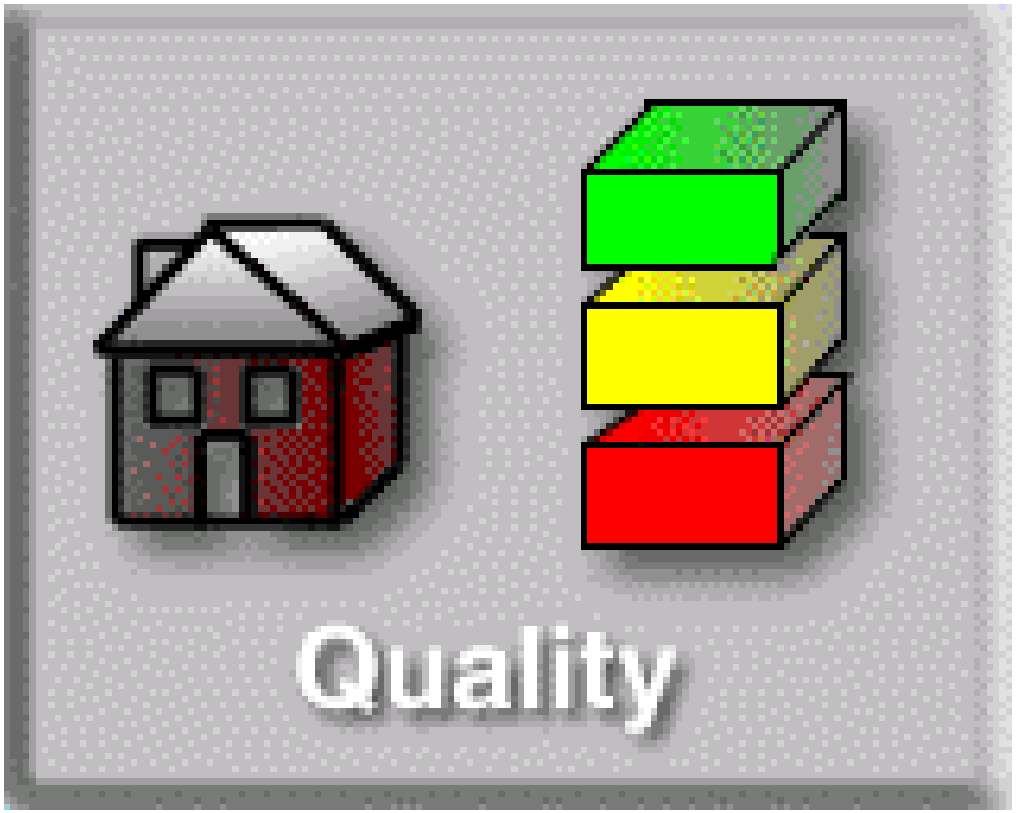
- Quality C-ratings
- Quantity C-ratings
- Improvement Costs
- Construction Costs

The Infrastructure Rating System


Quantity C-Rating
A rating determined by comparing how many facilities are available to how many are required and reported starting at the FCG level and calculated upwards to the ISR Area level.
Quality C-Rating
A rating calculated from the color ratings for individual facilities and reported starting at the FCG level and calculated upwards to the ISR Area level.
Overall C-Rating
The lower of the Quality and Quantity C-Rating.

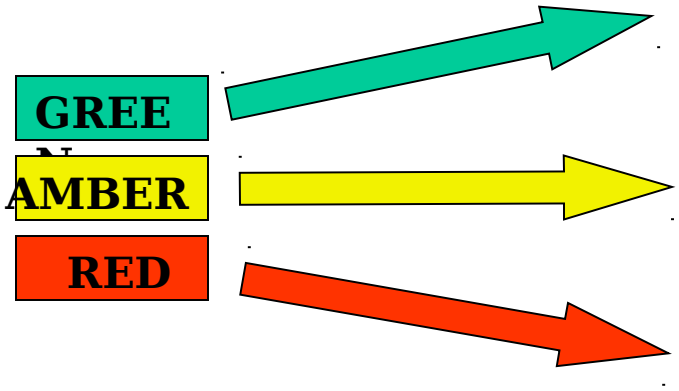
C-Rating Calculation

- ISR software calculates a **Quality** and **Quantity** C-Rating for each **Facility Category Group (FCG).**
- C-ratings are then aggregated (rolled up) at Sub-Category, Category, and Facility Class levels.
- Ratings are calculated for FACs, but are not displayed
- **C-ratings are weighted by facility size.**
- Based on C-Ratings, ISR calculates estimated costs to:
  - Improve quality ('revitalize') to a higher C-Rating
  - Buy-out facilities deficits


Quality

ISR I Condition Standards

- ISR I standards use color ratings to indicate condition - starting at FCG level
- In general, the ratings indicate:



A condition that meets or exceeds the standard

A condition that is somewhat less than the standard

A condition that is well below the standard

Quality Ratings Summary

C-1 = 90% of possible quality points

C-2 = 75% of possible quality points

C-3 = 60% of possible quality points

C-4 = < 60% of possible quality points

Quality Evaluation

The quality evaluation system makes it possible to apply consistent and meaningful standards for each FCG, while allowing the inspector flexibility in using the inspection criteria. The POC will ensure Quality Control / Quality Assurance by reviewing the inspection ratings.

%
Quantity

Quantity Evaluation

Quantity evaluation is used to compare the installation's facility requirements with the permanent and semi-permanent assets actually available (Temporary assets are a potential overwrite justification).

The RPLANS system calculates the facility allowances based on personnel strength and equipment densities.

Quantity Ratings Summary

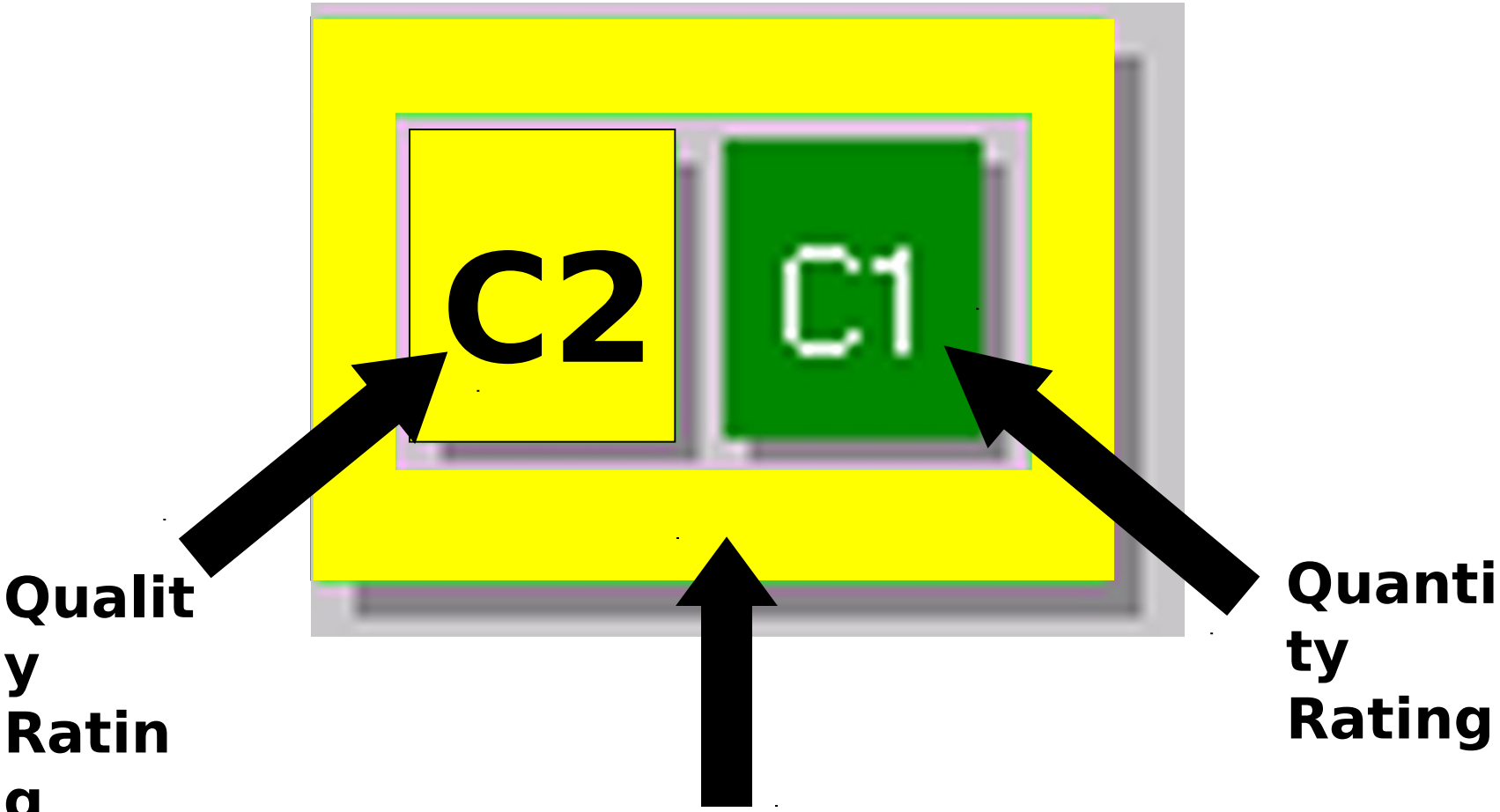
C-1 = 95% of requirement satisfied

C-2 = 80% of requirement satisfied

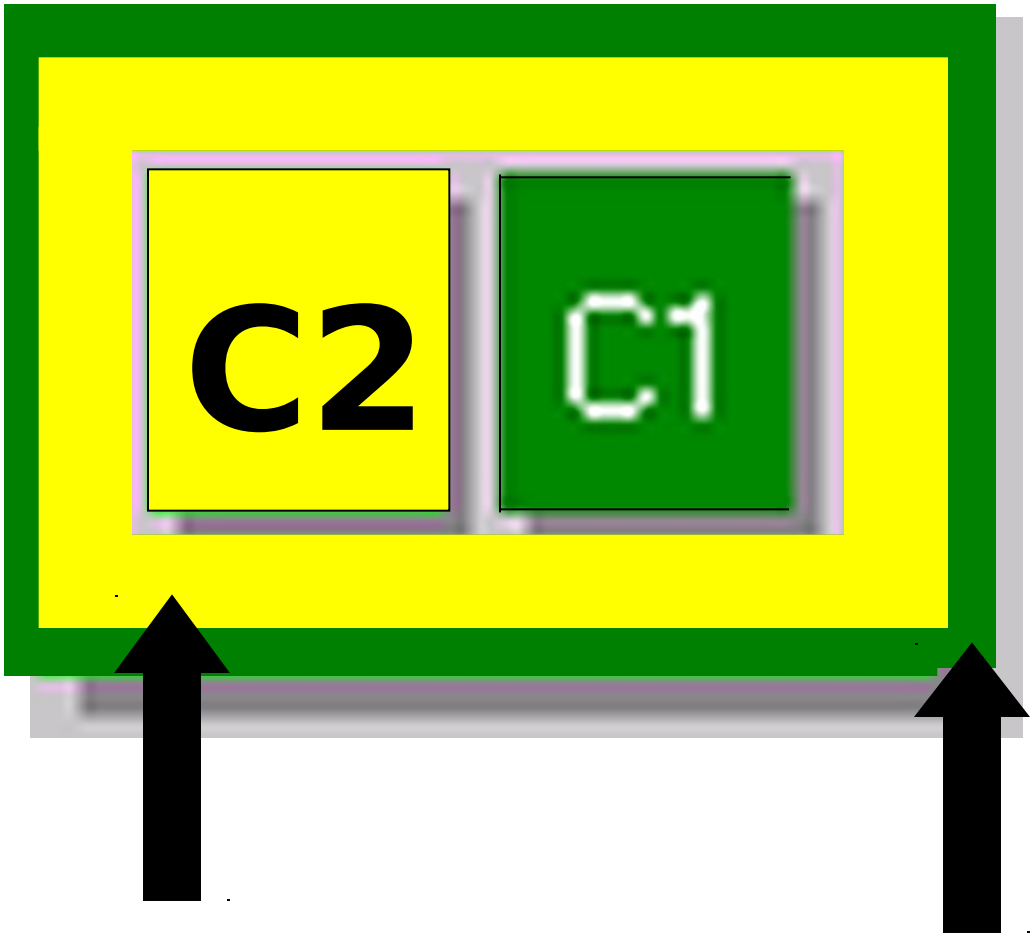
C-3 = 60% of requirement satisfied

C-4 = < 60% of requirement satisfied

The ISR Rating “Chiclet”



The ISR Rating "Chiclet" With Commander's Override

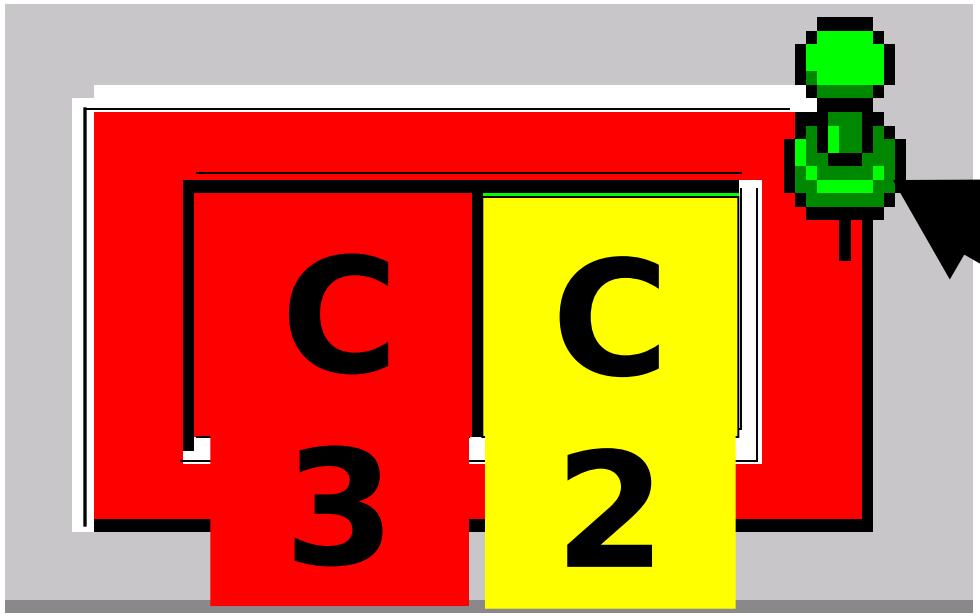


ISR Overall Rating: C-2

Commander's Overwrite Rating: C-1

(Only at Facility Class and Category Lev

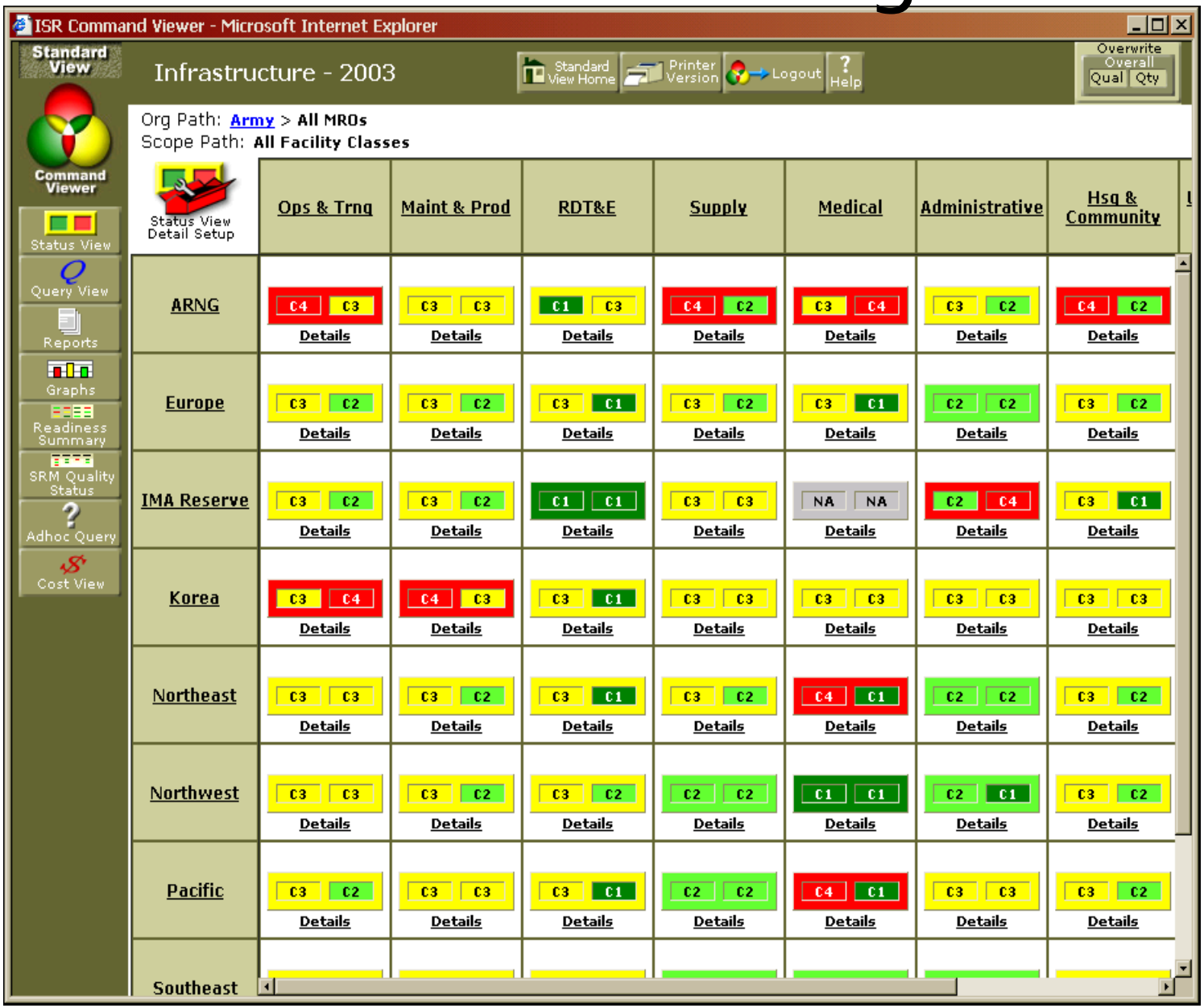
The ISR Rating "Chiclet" With Commander's Comment



Commander's Comment Pushpin

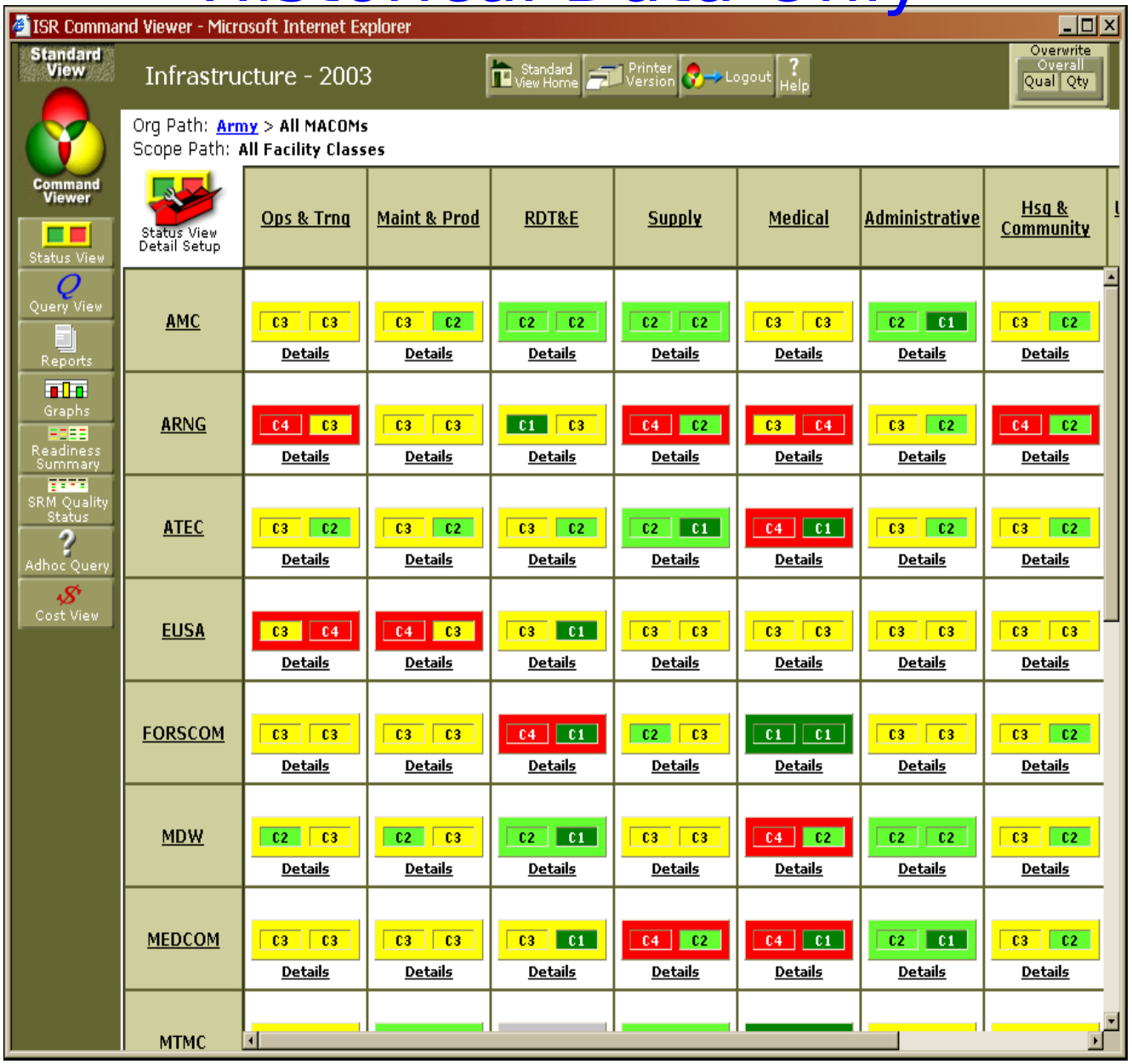
(Only at Facility Clas and Category Level)

Command Viewer - Region View

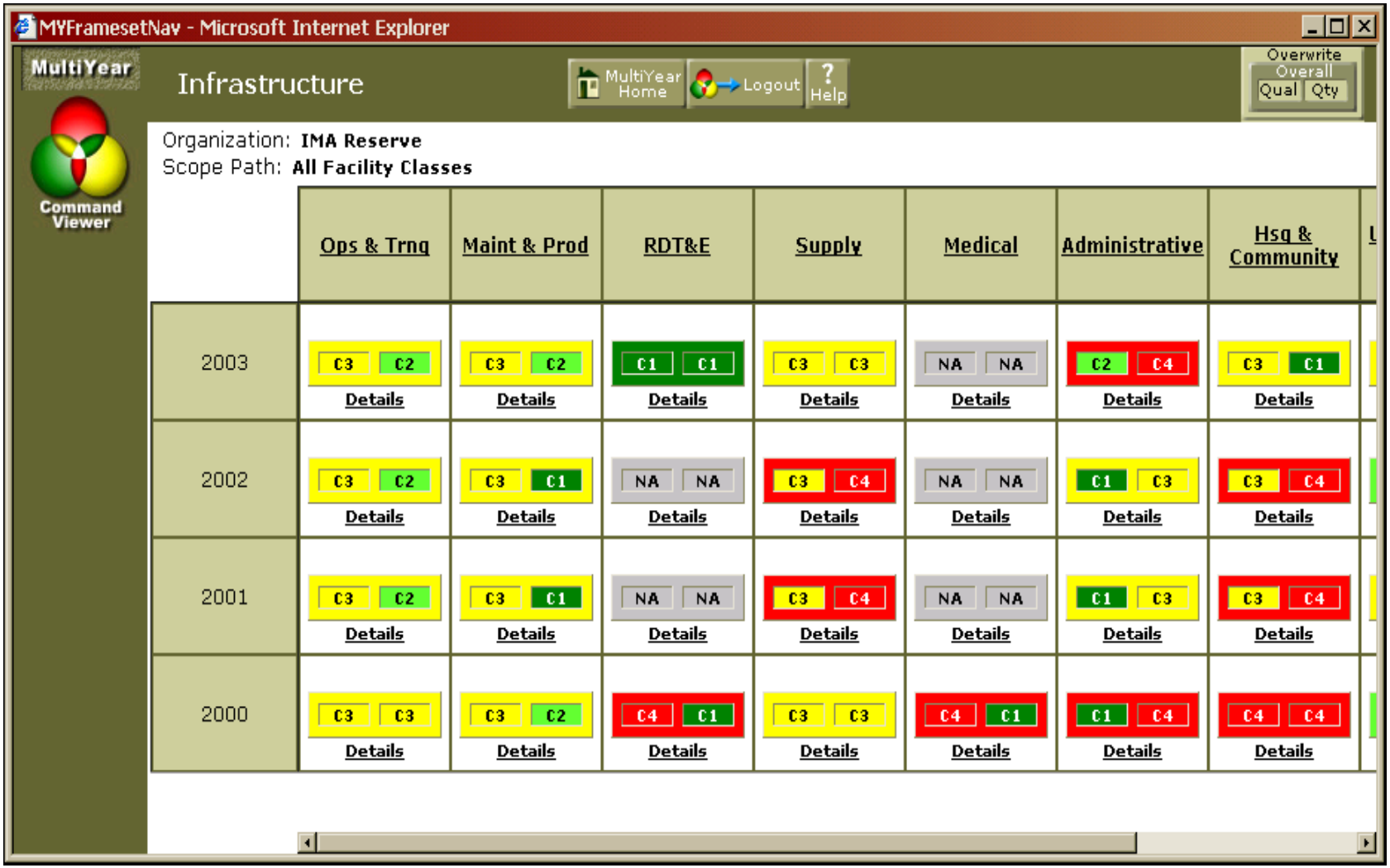


Command Viewer - MACOM View

Historical Data Only



Command Viewer – Multi-Year Region View



In Region view, data displayed only back to

Command Viewer – Multi-Year MACOM View

Infrastructure Readiness Summary Region

ISR Command Viewer - Infrastructure Readiness Summary

Data Year: 2003 - Southwest

Areas	Army	Southwest	Categories			
Mission	C3 C3	C3 C2	Trng Rngs & Areas: C3 C3	Maint Fac: C3 C2	Prod Fac: C2 C2	Trng / Instr Fac: C2 C3
			R & D: C3 C1	Supply & Storage Fac: C2 C2	Admin Fac: C3 C3	Info Mangmnt: C3 C2
Mobility	C3 C3	C3 C2	Road & Trail Network: C3 C2	Railroads: C3 C1	Airfield Fac: C3 C1	
			Airfield Pavements: C3 C3	Ports: NA NA	Strategic Mobility: C1 C1	
Housing	C3 C2	C3 C2	Family Housing: C3 C1	Enl Unacmp Pers Hsg: C3 C1	Othr Unacmp Pers Hsg: C3 C4	Dining Fac: C3 C2	Trainee Unacmp Pers Hsg: C4 C3
Community	C3 C2	C2 C2	Post Exchange: C3 C2	Commissary: C2 C2	Hospital & Medical Fac: C2 C1	
			Child Dev Ctrs: C1 C4	Dependent School Fac: NA NA	Community Spt: C2 C3	
Installation Support	C3 C1	C3 C2	Heat / AC: C2 C2	Electric / Gas: C3 C2	Water: C3 C1	Sewer: C3 C2

Legend

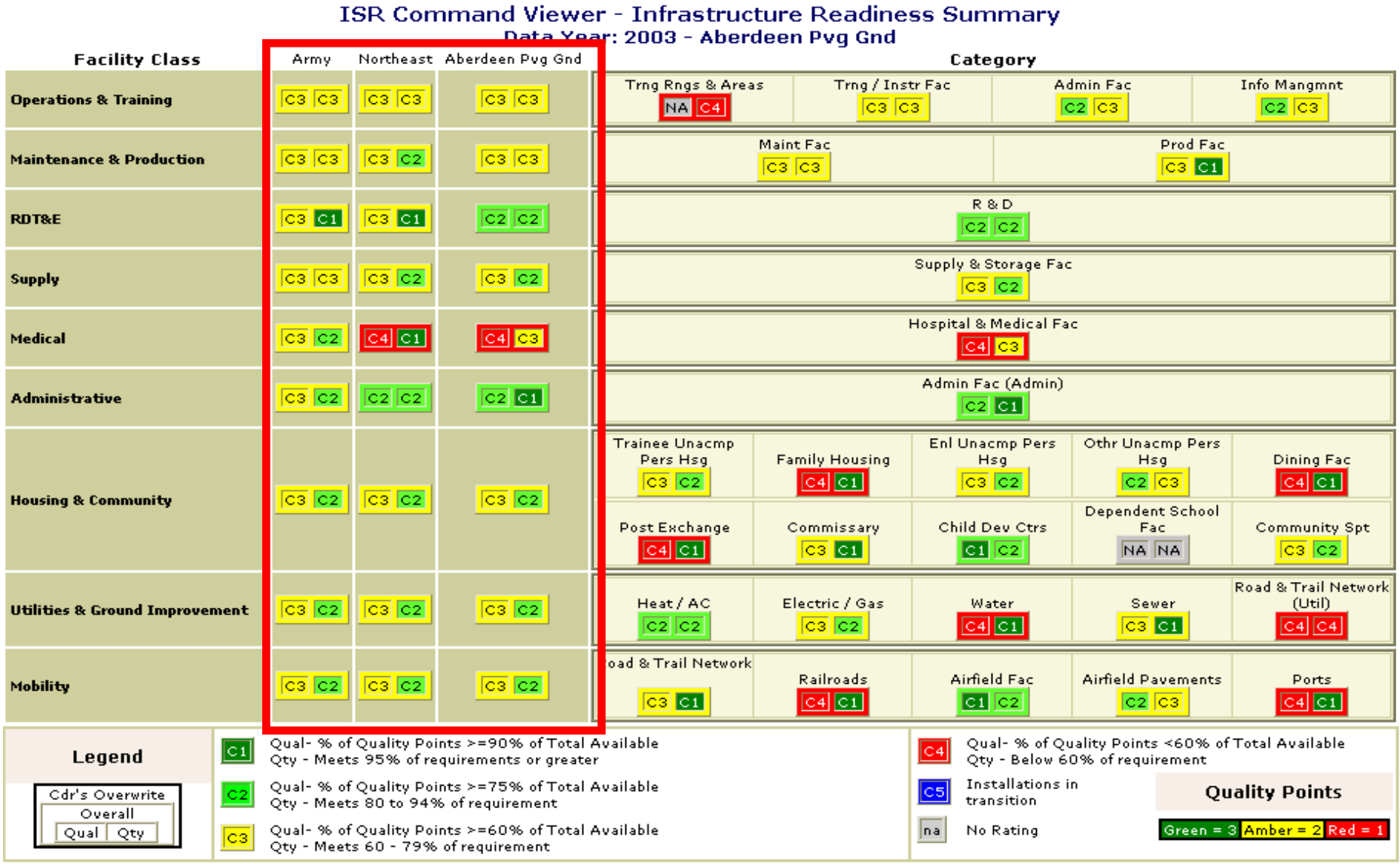
Cdr's Overwrite Overall: Qual | Qty

- C1 — Qual-Percent of Quality Points >=90% of Total Available; Qty - Meets 95% of requirements or greater
- C2 — Qual-Percent of Quality Points >=75% of Total Available; Qty - Meets 80 to 94% of requirement
- C3 — Qual-Percent of Quality Points >=60% of Total Available; Qty - Meets 60 - 79% of requirement
- C4 — Qual-Percent of Quality Points <60% of Total Available; Qty - Below 60% of requirement
- C5 — Installations in transition
- na — No Rating

Quality Points

Green = 3 | Amber = 2 | Red = 1

Infrastructure Readiness Summary Installation



QUIZ

- What is the source of the IFS asset data you see in ISR1?
- What are the two category ratings that ISR1 calculates for each FCG?
- Does ISR apply to leased facilities?
- Quality and Quantity ratings are based upon which of these facility types:
  - Permanent
  - Semi-permanent
  - Temporary
- Quantity ratings are based upon a comparison of?
- How is the ‘Overall’ rating for an FCG determined?

QUIZ

- What is the source of the IFS asset data you see in ISR1?
- Answer: the installation’s latest IFS update into Installation RPLANS

QUIZ

- What are the two category ratings that ISR calculates for each FCG?
- Answer: Quality and Quantity

QUIZ

- Does ISR apply to leased facilities?
- Answer: only for USAR installations.

QUIZ

- Quality and Quantity ratings are based upon which of these facility types:
  - Permanent
  - Semi-permanent
  - Temporary
- Answer: Permanent and semi-permanent

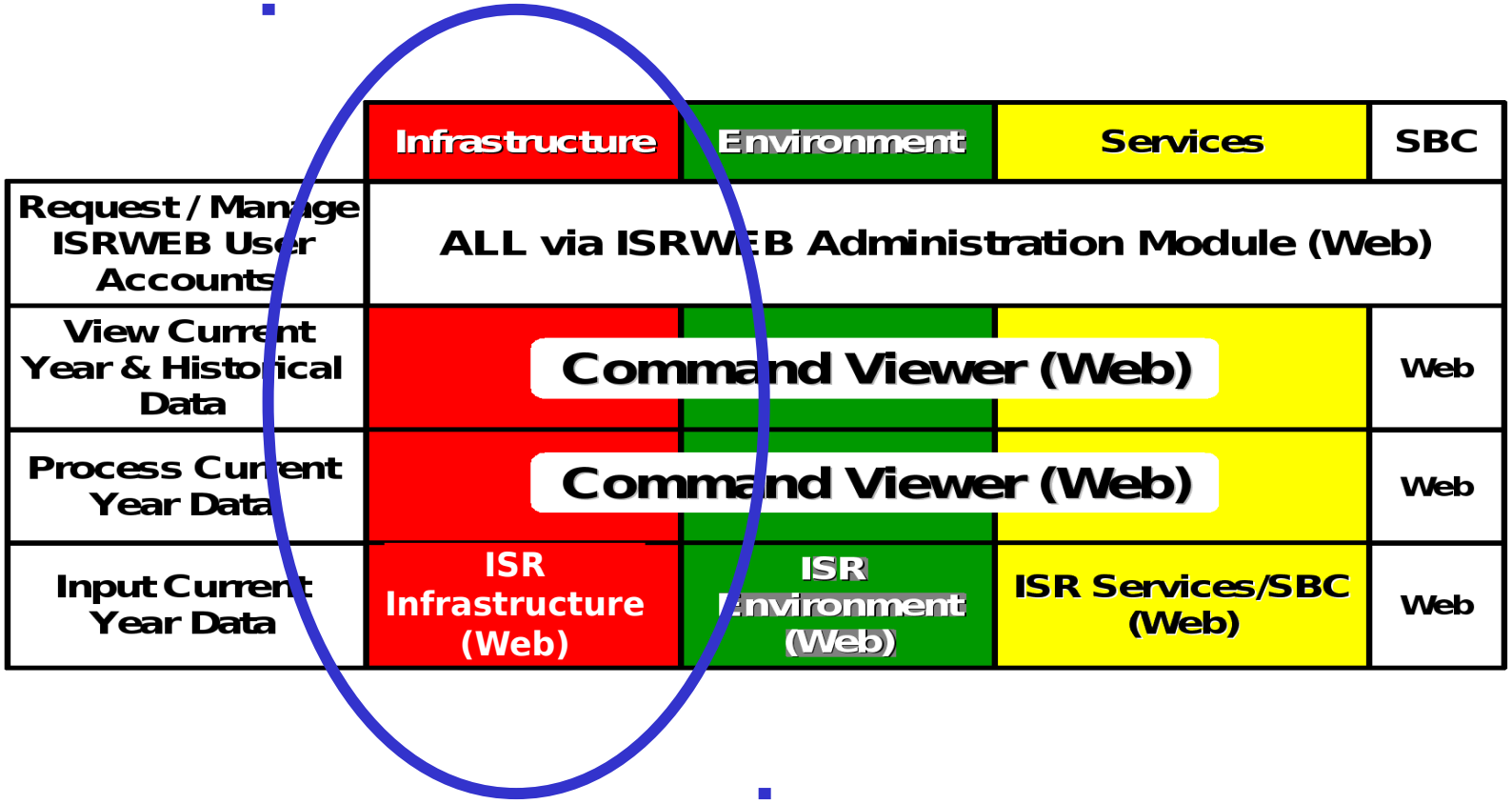
QUIZ

- Quantity ratings are based upon a comparison of?
- Answer: facility requirements vs. assets (permanent + semi-permanent) on-hand

QUIZ

- How is the ‘Overall’ rating for an FCG determined?
- Answer: It’s the lower of the Quality or Quantity ratings

Software/System Components for 2003



Key Process Requirements for 2004

- Access to ISRWeb applications requires a web browser (Internet Explorer 5.5 or Netscape 6.1) and Internet access
- ***Every Reporting Organization needs designated ISR/SBC Administrator(s) and Approver(s)***
- Access to ISRWeb applications requires user account for designated reporting organization(s)

- ISRWeb users need assigned Role (i.e., Viewer, Evaluator, Validator, Approver) for appropriate ISR component or SBC and organization to perform functions/gain access

Key Process Requirements for 2004

- Organizations not in the Region reporting structure (e.g., HQ USAREUR) will have access to data only after it is locked at Army level
- Evaluator role now available for Infrastructure – primary use is for facilities inspectors to enter facility rating data directly into the Infrastructure data entry module

Questions?

- Infrastructure data flow?
- Concept of Quality ratings?
- Concept of Quantity ratings?
- Different costs produced by ISR Infrastructure?
- ISR Chiclets?
- System Components?
- Command Viewer/Process Changes?

ISR Infrastructure Responsibilities

Who Has A Role?

- Installation Garrison Commander
- ISR Overall POC
- ISR Infrastructure POC
- Facility Occupants
- For Europe and Korea, the MSCs
- Region/NGB/IMA Reserve Directorate
- ISR Administrators At All Levels
- RPLANS Administrator
- IFS Administrator
- MACOMs

Installation Garrison Commande

- Assign an Overall ISR POC
- Overwrite calculated ratings, with justification
- Provide comments and explanations for ratings
- Approve release of ISR data to Region
- Sign the summary ISR report and transmittal memorandum, with comments
- Ensure that ISR is fully integrated in the installation’s suite of decision support tools

What else?

Installation ISR Overall POC

- Central POC - Oversight of all aspects of the annual ISR
- Assign Infrastructure, Environment and Services POCs
- Ensure assignment of Component Administrators
- Distribution of ISR materials
- Train supporting personnel
- Consider factors that might affect C-ratings
- QA/QC of ISR data
- Prepare the ISR submission - transmittal memo w/ cmts
- Report results and progress to the installation Commander
- Advise the Commander on overwrite recommendations
- Prepare Commander’s comments
- Submit ISR reports through BSB/ASG to IMA Euro
- Ensure a local Administrator is assigned for each Component

What else?

ISR Infrastructure POC

- Execute Infrastructure data collection effort
- Assignment of tasks - assign standards to evaluators
- Provide training to evaluators
- Complete the overall assessment of the installation's infrastructure program
- For sample-eligible FCGs, identify what buildings are to be rated and who is to rate them
- Develop recommendations for the Commander's overwrites and comments
- Submit all ISR Infrastructure materials as described in the Implementing Instructions to the Installation overall ISR POC
- Recommend approval of Infrastructure data
- Participate in ISR AARs as appropriate.
- Some Infrastructure POCs are also the Overall POC

What else?

Facility Occupants

- Senior occupant assign inspectors, ensure they are trained
- Conduct and report user facility condition assessments
- Provide completed, ***signed*** facility ratings sheets to Infrastructure POC, with appropriate annotations.

What else?

Region/Res Dir/NGB

- Assist installations with ISR implementation as needed
- Approve/disapprove requirements edits
- Assign Administrators for ISR Components
- Receive approved Infrastructure data from installations/ MSCs/States
- Review, analyze and QA the installation data
- Enter overwrite of ISR-calculated Region/NGB ratings, with justification
- Provide comments and explanations for Region/NGB ratings, including C-3/C-4 Category ratings
- Approve ISR data and release to HQDA
- Participate in After Action Reviews

What else?

Infrastructure Administrators

- Approve ISR Component Administrator(s) for next-lower level; e.g., Region Infrastructure Administrator approves installation Infrastructure Administrator
- Approve same-level role requests for ISR Command Viewer accounts – historical and current-year data
- Ensure only appropriate persons have role requests approved
  - Current-year data
  - Historical data
  - GS/Military
  - Contractor – requires supporting request from requestor's Gov't program manager

Installation RPLANS Administrator

- Request download of ***updated*** installation 'ISR Extract' data file from Installation RPLANS Admin Client (sent directly to ISR server). ***Initial*** data file toploaded directly into ISR server.
- Evaluate Infrastructure POC recommendations for update to requirements in Installation RPLANS
- Enter requirements update edits and follow-up with Region to determine approval status
- Import updated IFS data files into Installation RPLANS

What else?

Installation IFS Administrator

- Evaluate Infrastructure POC recommendations for update to IFS data in Installation IFS and incorporate appropriate changes
- Enter update edits and provide IFS export file to RPLANS Administrator for import into Installation RPLANS

What else?

MACOMs

- No assigned role

Questions on Responsibilities?

Facility Inspections and Ratings

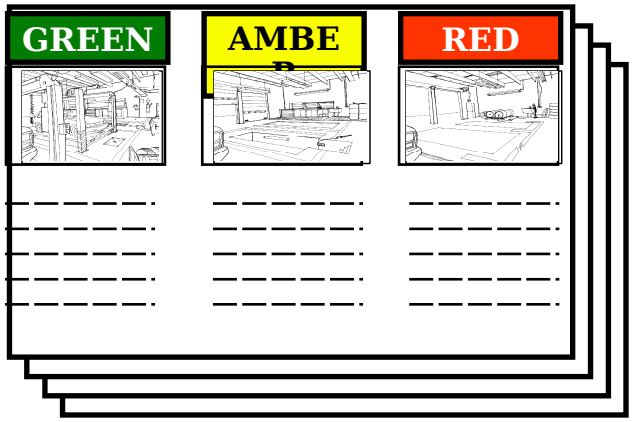
Reminder:

ISR Infrastructure assesses installation facility ***conditions*** against established, Army-wide ***standards***

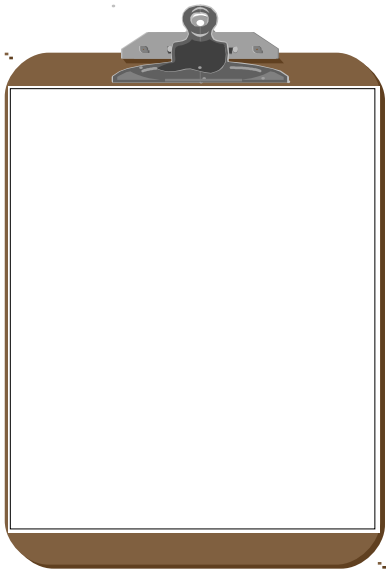
How Is This Done?

- **Rating standards booklets** provide the **uniform, Army-wide standards** for evaluating the condition of the facilities being rated.
- There are **63** standards booklets.
- Ratings for a facility are entered on the **worksheet** for that specific facility.
- A facility with space under more than 1 FCG will require multiple worksheets/inspections.
- **REMINDER: facilities are rated based on their design use Category Code**

Standards Booklets & Rating Worksheets



- **Standards Developed/Approved by Army-Level Proponents**
- **Common for all Installations**
- **Booklet Matches a Specific Worksheet**
- **One per ISR Sub-Category**
- **Pages Match Inspection Items**



- **Has a Text Description for Each Color Rating**
- **Most also Have a Graphic for Each Color Ra**
- **Most Standards are Non-technical**
  - **Depict Symptoms of Conditions (Appeara**
  - **Designed for the Layman (User) Inspecto**

Ratings Standards Booklets

- Most rating booklets have a combination of standards (rating elements) for each rated component, along with accompanying pictures.
- In some cases, there will be standards with no accompanying picture in the booklet, or with standards listed only on the rating worksheet.

Significant Changes for 2004

- Rating standards booklets updated for 2004.
- There were some significant changes. These include:
  - Booklet 30A (RCI Housing) was consolidated with Booklet 30 Army Family Housing
  - Critical Components identified in Booklets 36 (IET Bks AIT) and 33 (IET Bks BT)
- Changes are listed on the ISR web site.

INSTALLATION STATUS REPORT (ISR)

MAINTENANCE FACILITIES

PROPONENT: DEPUTY CHIEF OF STAFF, G-4, DALO-RMP (703) 614-5488/DSN 224-5488

REVISION DATE: 1 SEPTEMBER 2003

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STANDARDS BOOKLET

BOOKLET 5

* FCG Unit of Measure. Refer to *Implementing Instructions*, Appendix G, for definition.

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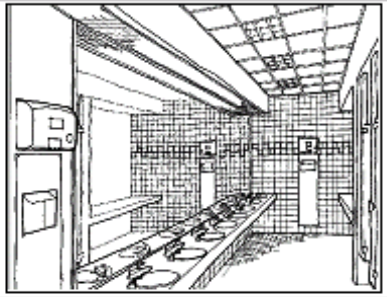
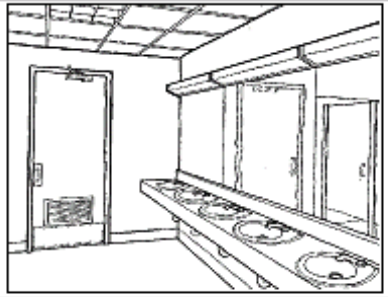
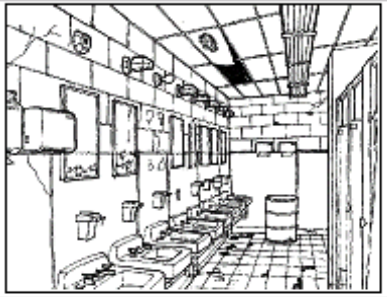
Each page is a separate rating **compo**

MAINTENANCE FACILITIES STANDARDS BOOKLET

TOILETS/SHOWERS/LOCKER ROOM

GREEN	AMBER	RED
		
• Walls of quality, durable material, safety electrical outlets in good condition	• Ceiling and walls damaged	• Floors and walls damaged and stained, exposed electrical conduit, piping, etc.
• Ceiling in good repair with adequate lighting and ventilation	• Lighting and ventilation damaged	• Ceiling in disrepair, poor or insufficient lighting and ventilation
• Sound use of color & materials, fixtures and finishes of durable, maintainable materials	• Mismatched color and materials with all fixtures and finishes in good shape	• Fixtures and components missing or damaged
• Full handicapped accessibility [1]	• Some provisions made for handicapped accessibility [1]	• No handicapped accessibility [1]
• Toilet facilities available when needed	• Insufficient toilet facilities for population served	• No toilet facilities for population served
• Sufficient electrical safety outlets	• Insufficient number of electrical safety outlets	• No electrical safety outlets

[1] Item not evaluated if the facility is used for Annual Training Support

Booklet 5 - Page 9

Each component has multiple rating **elem**

MAINTENANCE FACILITIES STANDARDS BOOKLET

TOILETS/SHOWERS/LOCKER ROOM

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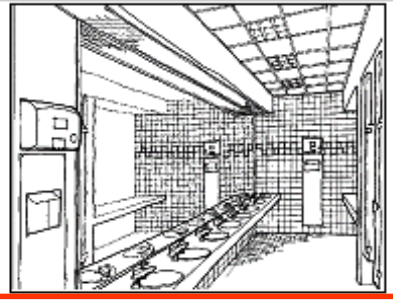	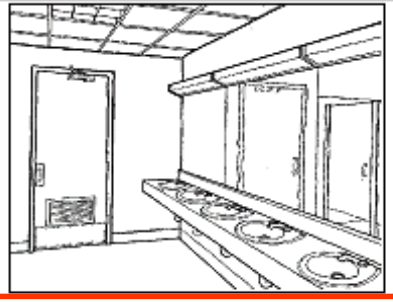	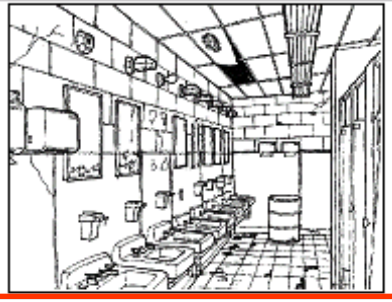
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• Sound use of color & materials, fixtures and finishes of durable, maintainable materials	• Mismatched color and materials with all fixtures and finishes in good shape	• Fixtures and components missing or damaged
• Full handicapped accessibility [1]	• Some provisions made for handicapped accessibility [1]	• No handicapped accessibility [1]
• Toilet facilities available when needed	• Insufficient toilet facilities for population served	• No toilet facilities for population served
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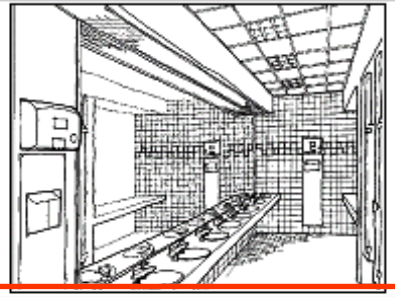
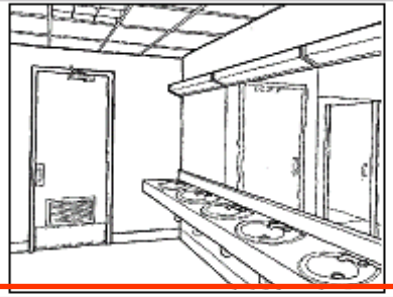
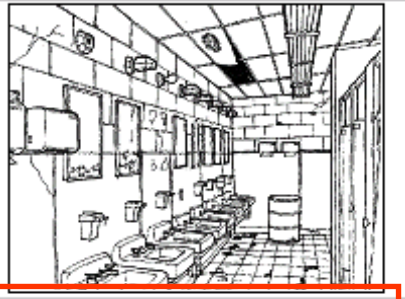
[1] Item not evaluated if the facility is used for Annual Training Support

Booklet 5 - Page 9

Each rating element is horizontally-alig

MAINTENANCE FACILITIES STANDARDS BOOKLET

TOILETS/SHOWERS/LOCKER ROOM

GREEN	AMBER	RED
		
• Walls of quality, durable material, safety electrical outlets in good condition	• Ceiling and walls damaged	• Floors and walls damaged and stained, exposed electrical conduit, piping, etc.
• Ceiling in good repair with adequate lighting and ventilation	• Lighting and ventilation damaged	• Ceiling in disrepair, poor or insufficient lighting and ventilation
• Sound use of color & materials, fixtures and finishes of durable, maintainable materials	• Mismatched color and materials with all fixtures and finishes in good shape	• Fixtures and components missing or damaged
• Full handicapped accessibility [1]	• Some provisions made for handicapped accessibility [1]	• No handicapped accessibility [1]
• Toilet facilities available when needed	• Insufficient toilet facilities for population served	• No toilet facilities for population served
• Sufficient electrical safety outlets	• Insufficient number of electrical safety outlets	• No electrical safety outlets

[1] Item not evaluated if the facility is used for Annual Training Support

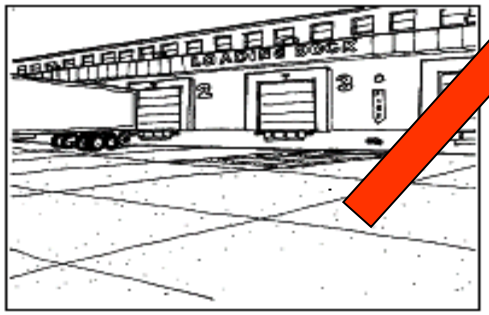
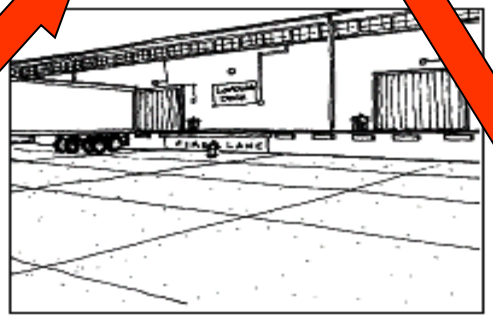
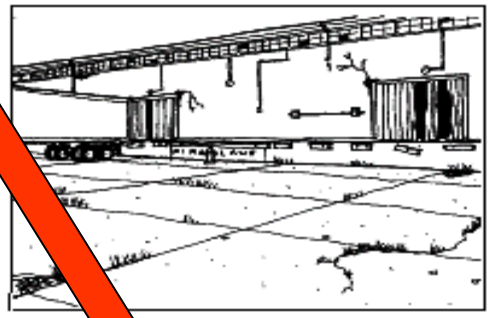
Booklet 5 - Page 9

Critical Components

MAINTENANCE FACILITIES STANDARDS BOOKLET

LOADING DOCK[1]

CRITICAL COMPONENT

GREEN	AMBER	RED
		
• Dock seals, levelers and signal lights in good condition	• Dock seals, levelers and signal lights slightly damaged; Dock plates used in lieu of levelers	• Docks seals, levelers and signal lights not installed
• Docks have sufficient overhead covering	• Docks have partial overhead covering	• Docks have no overhead covering
• Lighting is energy efficient and adequate in all mission areas	• Lighting is inadequate in some mission areas	• No lighting in some mission areas
• Trucks have easy access and egress to docks	• Access and egress is constricted by obstacles	• Safety hazards exist in access and egress points
• Adequate number of docks to perform all missions	• Available docks insufficient to perform all missions	• Insufficient number of docks
• Surface is level with no major safety deficiencies	• Dock surface damaged	• Mission severely degraded by dock non-availability.
• Loading area/pad is level and in good condition	• Loading area/pad surface has some cracks; ruts developing	• Loading area/pad surface has severe cracks; ruts well developed; potholed
• Accommodates loading/unloading by material handling equipment (MHE)	• Minimal acceptable accommodations for loading/unloading by MHE	• Insufficient space to accommodate loading/unloading by MHE
• Safety railings adequate and installed where required	• Safety railings missing and/or require repair	• No safety railings

*CRITICAL COMPONENT – The overall color rating for this building can be no better than the color rating for this critical component.

[1] Item not evaluated if the facility is used for Annual Training Support

Booklet 5 - Page 4

Critical Rating Components

- These are Components that have significant mission importance to the functionality of the facility
- They will vary by facility type
- They have the potential to significantly affect the overall rating of the facility

ISR FACILITY INSPECTION INSTRUCTIONS

1. Select the appropriate inspection worksheet and rating standards booklet to evaluate your facility (the appropriate booklet number is identified in the upper right corner of the worksheet). Only use worksheets that have been produced by the current ISR1 software, i.e., barcodes and correct installation and facility information are printed at the top of the page. In particular, verify that the building number on the worksheet matches that of the facility you are inspecting, and the Facility Category Group (FCG) description on the worksheet matches the space you will be rating in the facility (some facilities consist of space from several FCGs, each of which will require a separate worksheet and associated rating booklet).

2. At the top of the inspection worksheet, enter Inspector name and phone number, and the date completed.

3. Rate each component on the inspection worksheet by selecting the color rating that BEST FITS the component being evaluated. First look at the picture in the standards booklet, then at the rating elements under each color to determine which color best describes the overall condition of the component being rated. Then place an "X" in the appropriate box on the inspection worksheet. If an inspection component is not in the facility and it is not needed, place an "X" in the "N/A" box for that component. If an inspection component is not in the facility and it is needed, rate that component as RED.

4. Sum the number of "Xs" in each column and record each total on the line designated at the bottom of the column.

5. Critical Components have been reactivated for the 2004 collection cycle. Critical Components are identified by asterisks ("***") on the Inspection Worksheets and by the annotation "Critical Component" on the appropriate page(s) of this booklet. Determine the critical component color rating by selecting the lowest color rating of the rated critical components.

6. Identify the Overall Quality Rating. The Overall Quality Rating is the lower of either the majority color ratings among the inspected components (calculated in Step 4 above) or the Critical Component color rating (determined in Step 5 above). Circle the appropriate Overall Color Rating choice in the upper right hand corner of the worksheet.

7. RED ratings require comment. For every component that is rated RED, write a brief explanation in the space provided on the inspection worksheet. Continue on the back of the worksheet or on a separate page if needed. For each RED rating, consider submitting a work order to correct the deficiency.

8. Optional: write a brief comment concerning any facility location issues, such as location of the facility on the installation, proximity to related facilities, and appropriate vehicle access. Continue on the reverse of the inspection worksheet if needed.

9. Optional: write a brief comment concerning any environmental, health, safety, and historic preservation issues. Continue on the reverse of the inspection worksheet if needed.

10. Have the unit commander or activity director review and sign the inspection worksheet, and add any desired comment.

“Example” Worksheet

MISSION FACILITY WORKSHEET
(Use with Booklet #5)
MAINTENANCE FACILITIES

Overall Quality Rating
(Circle One):
Green Amber Red

Facility Number:
Facility User UIC:
Facility Category Group:
Unit of Measure:
Installation Number:
Inspector:
Date Completed:
Phone #:

FACILITY CONDITION ASSESSMENT

Condition of Each Component
Place an "X" in the box that applies to each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Site & Grounds	[ ]	[ ]	[ ]	[ ]
2. Parking	[ ]	[ ]	[ ]	[ ]
3. Building Exterior	[ ]	[ ]	[ ]	[ ]
4. Loading Dock ***	[ ]	[ ]	[ ]	[ ]
5. Lobby	[ ]	[ ]	[ ]	[ ]
6. Administrative Areas	[ ]	[ ]	[ ]	[ ]
7. Stairs	[ ]	[ ]	[ ]	[ ]
8. Corridors	[ ]	[ ]	[ ]	[ ]
9. Toilets/Showers/Locker Rooms	[ ]	[ ]	[ ]	[ ]
10. Utilities***	[ ]	[ ]	[ ]	[ ]
Facility Specific Areas				
11. Large Maintenance Areas***	[ ]	[ ]	[ ]	[ ]
12. Small Maintenance Areas***	[ ]	[ ]	[ ]	[ ]
13. Centralized Vehicle Wash Facility ***	[ ]	[ ]	[ ]	[ ]
MAJORITY COMPONENT Color Rating: (Mark color rating with the most "Xs". If two or more colors have equal number of "X"s, choose the worst color rating	[ ]	[ ]	[ ]	
CRITICAL COMPONENT Color Rating: (Mark the lowest color rating of any Critical Component item	[ ]	[ ]	[ ]	
Overall Quality Rating: Mark the lower of the Majority "X"s and Critical Component color ratings.	[ ]	[ ]	[ ]	

*** Indicates Critical Component

Red Rating Explanation: _____

Location Comment: _____

Environmental, Health, Safety, & Preservation (EHSP) Comment: _____

COMMANDER/DIRECTOR SIGNATURE _____

EXAMPLE

An ‘Example’ facility rating worksheet is included in each rating booklet.

THIS IS FOR REFERENCE ONLY - DO NOT USE THIS SAMPLE COPY TO ACTUALLY RATE A FA

MAJORITY COMPONENT Color Rating:
(Mark color rating with the most "Xs". If two or more colors have equal number of "X"s, choose the worst color rating

CRITICAL COMPONENT Color Rating:
(Mark the lowest color rating of any Critical Component item

Overall Quality Rating:
Mark the lower of the Majority "X"s and Critical Component color ratings.

*** Indicates Critical Component

Where to Get the Rating Booklet

INSTALLATION
STATUS
REPORT
ISR
ISR HOME
ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC
ACCESS
ISR WEB
ACSIM's Installation Status Report Website
ISR Web Site Menu
To visit a particular section of the ISR Site, click on the appropriate component link above or select from the text links below.
NEW
Effective 10/17/2003, the official locked 2003 ISR Infrastructure, Environment, and Services data are available for viewing in the Historical Module of the ISRWEB Command Viewer.
2003 After Action Review
2003 ISR/SBC Data Collection
ISR Centralized Training-Jan 2003
Important Change in ISR Infrastructure Reporting Requirements for 2003
ISR Program Documentation
ISR Related Sites
ISRWEB Applications and User Accounts
To access the ISRWEB applications or to request an ISRWEB User Account, click on the "Access ISRWEB" icon in the upper right corner of this page.
If the ISRWEB icon is not visible, this means that the Macromedia Flash Player plugin is not installed. To obtain the plugin, click on the link below. Check with your local System or Network Administrator to determine if you have sufficient system privileges to install the plugin.
Notice
This site may be unavailable on Tuesdays from 7 to 9 PM (EST) due to periodic system maintenance.
Click Here to
DOWNLOAD THE MACROMEDIA FLASH PLUGIN
Click Here to
DOWNLOAD THE ADOBE ACROBAT READER
to view PDF documents on this site.

ISR INFRASTRUCTURE

ISR HOME
ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC

ACCESS ISR WEB

HOMEPAGE DOWNLOADS DOCUMENTATION

ISR Infrastructure Homepage

Welcome. . .

Welcome to ISR Infrastructure. From this page you will be able to obtain information about various aspects of the Infrastructure component of ISR.

Helpline Support

Commercial (703) 377-0552
Facsimile (703) 902-3660
Email helpline_isr@bah.com

- **Documentation**

  Implementing Instructions, User's Manual, Standards, and other useful information

Return to ISR Home

ISR INFRASTRUCTURE

ISR HOME
ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC

ACCESS ISR WEB

HOMEPAGE DOWNLOADS DOCUMENTATION

ISR Infrastructure Documentation

- **ISR Infrastructure Inspection Standards (2004)**
  Inspection standards for ISR Infrastructure.
- **Summary of Standards Changes for 2004**
  2004 Standards Changes

Helpline Support

Commercial (703) 377-0552
Facsimile (703) 902-3660
Email helpline_isr@bah.com

Return to ISR Home

ISR INFRASTRUCTURE

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ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC
ACCESS ISR WEB

HOMEPAGE DOWNLOADS DOCUMENTATION

Inspection Standards

Several download options are available for the ISR Infrastructure Inspection Standards Booklets. Depending upon your needs, choose the appropriate option from the list below.

- **Complete Booklet Set (MS Word)**

  This option allows you to download all 63 Inspection Standards Booklets at once. You will download a single compressed file that when unzipped will contain all 63 booklets in MS Word format. (28 MB)

- **A Single Booklet (MS Word)**

  This option allows you to download an individual booklet from the complete set of 63 booklets

- **Complete Booklet Set (PDF)**

  This option allows you to download all 63 Inspection Standards Booklets at once. You will download a single compressed file that when unzipped will contain all 63 booklets in Adobe Acrobat (PDF) format. (25 MB)

- **A Single Booklet (PDF)**

  This option allows you to download an individual booklet from the complete set of 63 booklets

Helpline Support

Commercial (703) 377-0552
Facsimile (703) 902-3660
Email helpline_isr@bah.com

Return to ISR Home

ISR INFRASTRUCTURE

ISR HOME
ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC
ACCESS ISR WEB

HOMEPAGE DOWNLOADS DOCUMENTATION

Inspection Standard Booklets (MS Word)

Click this link to download a single ZIP file containing the Inspection Standards Booklets for all Dacility Classes. (28 MB)

- **Inspection Standards Booklets for All Facility Classes**

Click below to access links to individual Inspection Standards Booklets by Facility Class (MS Word)

- OPERATIONS & TRAINING
- MAINTENANCE & PRODUCTION
- RDT & E
- SUPPLY
- MEDICAL
- ADMINISTRATIVE
- HOUSING & COMMUNITY
- UTILITIES & GROUNDS IMPROVEMENT
- MOBILITY
- STANDARDS BOOKLET CHANGES

Helpline Support

Commercial (703) 377-0552
Facsimile (703) 902-3660
Email helpline_isr@bah.com

Return to ISR Home

Operations & Training Facilities (MS Word)

- Live Fire Ranges
- Impact Areas Dudded
- Non Live-Fire Training Facilities
- Maneuver Training Land

ISR INFRASTRUCTURE

ISR HOME
ISR Command Viewer
ISR - Infrastructure
ISR - Environment
ISR - Services / SBC
ACCESS ISR WEB

HOMEPAGE DOWNLOADS DOCUMENTATION

Operations & Training Facilities (MS Word)

- Live Fire Ranges
- Impact Areas Dudded
- Non Live-Fire Training Facilities
- Maneuver Training Land
- General Instruction Facilities
- Applied Instruction Facilities
- Training/Training Support Facilities
- Training Centers - ARNG/USAR
- Unit Operations Buildings
- Information System Facilities

BACK

Maintenance & Production Facilities (MS Word)

- Maintenance Facilities
- Production Facilities

BACK

RDT & E Facilities (MS Word)

- Research and Development Buildings
- Research and Development Facilities Other Than Buildings

BACK

Supply Facilities (MS Word)

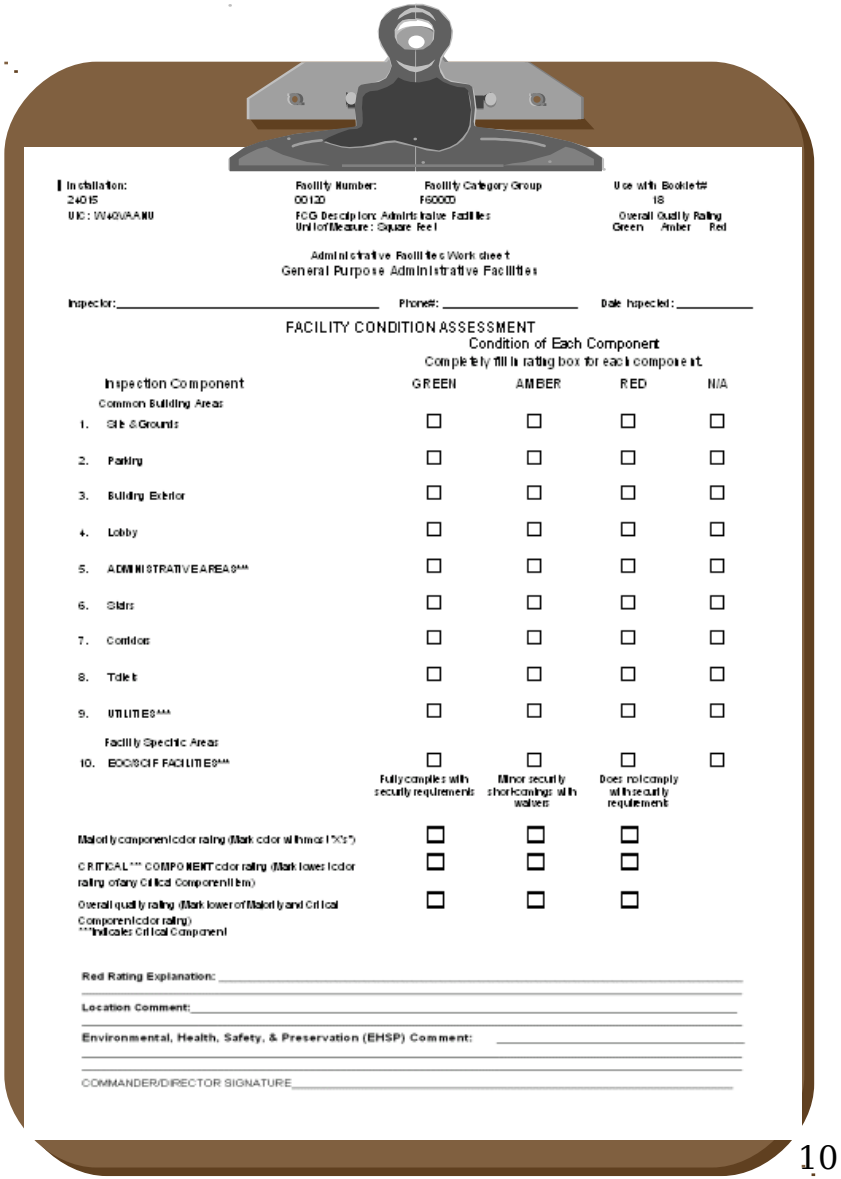
- Operational Fuel Facilities
- Bulk Fuel Facilities

Questions on Ratings Booklets?

- Purpose of ratings booklets?
- How the booklets are organized?
- Focus of each ratings booklet?
- Ratings components vs. ratings elements?
- Concept of Priority components?
- Where you can obtain ratings booklets?

Rating Sheets

Use The Ratings Sheets Produced From The ISR Software!



Installation:
24015
UIC: W40VAAMU

Facility Number:
00120
FCG Description: Administrative Facilities
Unit of Measure: Square Feet

Facility Category Group
F60000

Use with Booklet#
18

Overall Quality Rating
Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Site & Grounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. EOC/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply w/ security requirement	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL*** COMPONENT color rating (Mark lowest color rating of any Critical Component Item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation:_____

Location Comment:_____

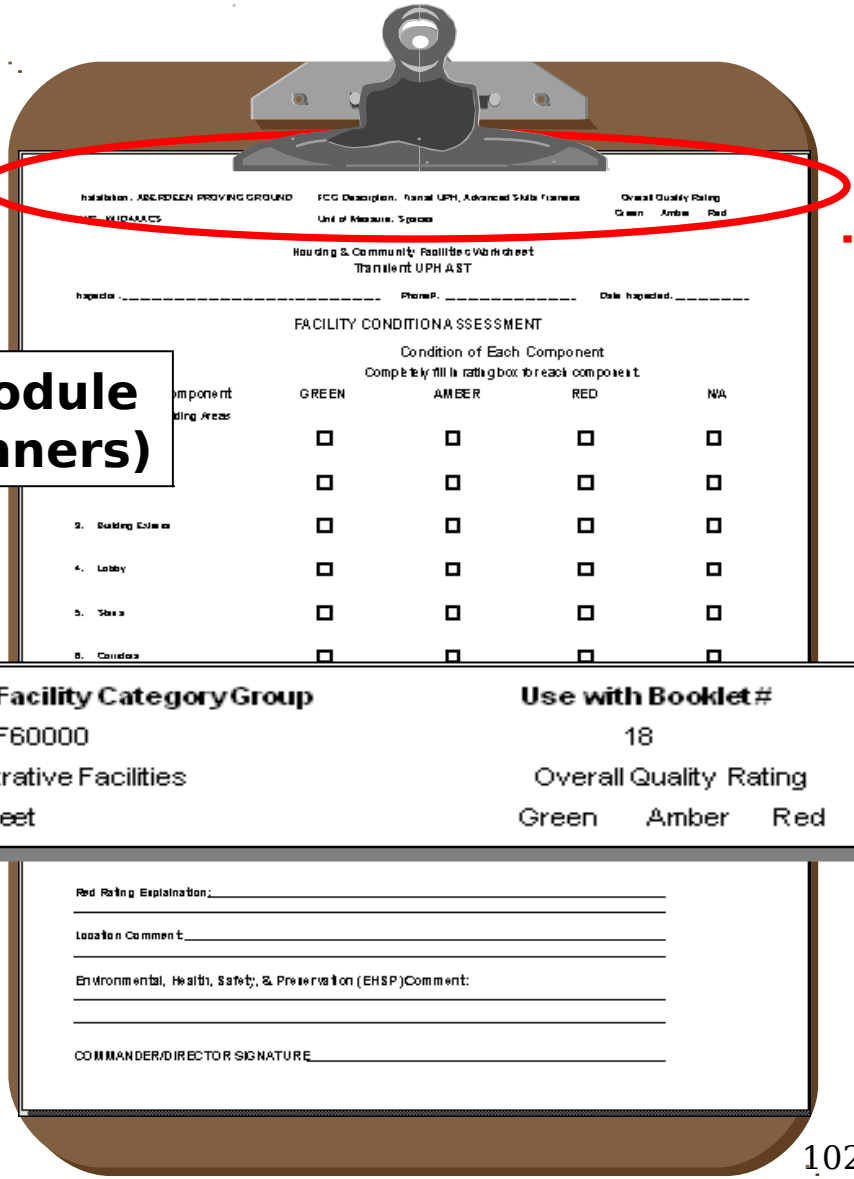
Environmental, Health, Safety, & Preservation (EHSP) Comment:_____

COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Pre-Printed Information:

*** No Bar Codes in Web-based module (Does not support use with scanners)**

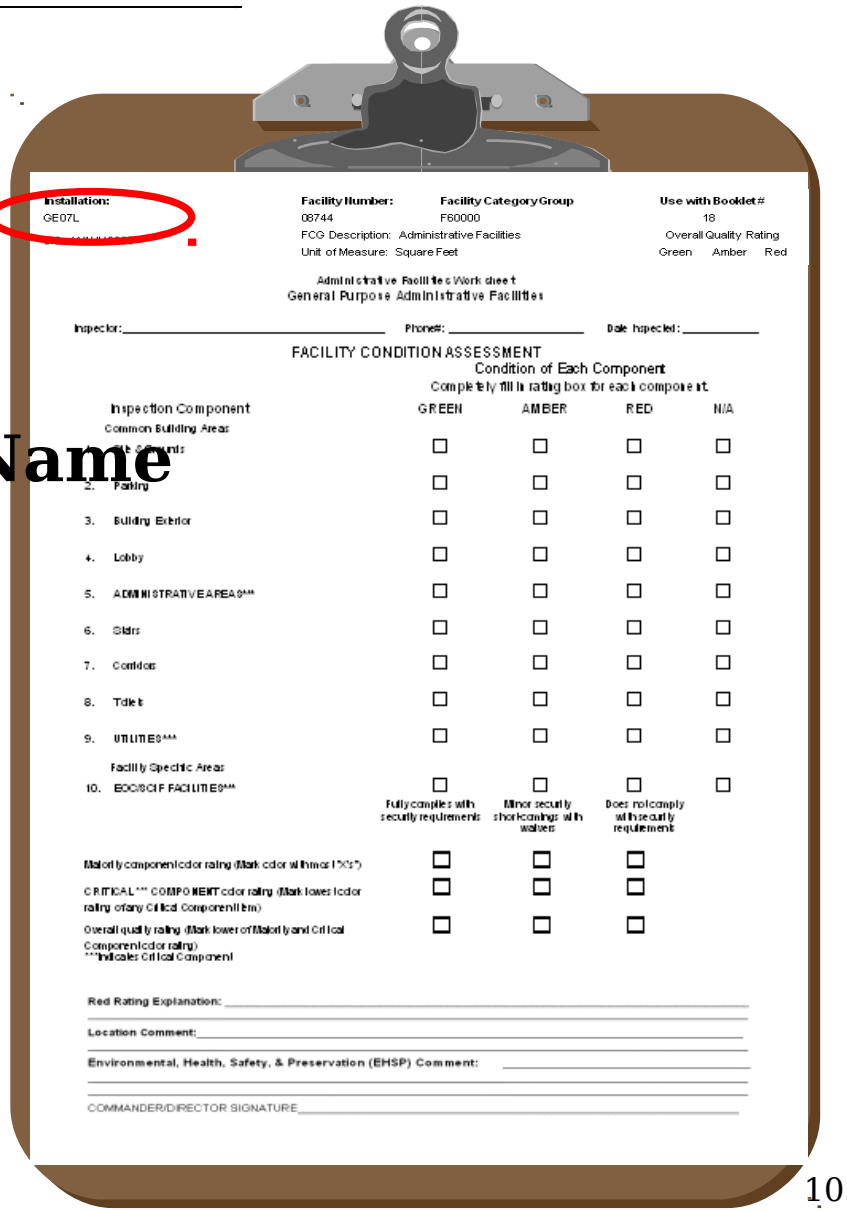


Installation:	Facility Number:	Facility Category Group	Use with Booklet #
GE07L Baumholder	08744	F60000	18
UIC: WH0200	FCG Description: Administrative Facilities		Overall Quality Rating
	Unit of Measure: Square Feet		Green Amber Red

Rating Sheets

Pre-Printed Information:

*** Installation Number & Name**



Installation: GE07L

Facility Number: 08744

Facility Category Group: F60000

Use with Booklet #: 18

FCG Description: Administrative Facilities

Unit of Measure: Square Feet

Overall Quality Rating: Green Amber Red

Administrative Facilities Work sheet

General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT

Condition of Each Component

Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Unit Signs	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. BOQ/BOF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL *** COMPONENT color rating (Mark lowest color rating of any Critical Component item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation: _____

Location Comment: _____

Environmental, Health, Safety, & Preservation (EHSP) Comment: _____

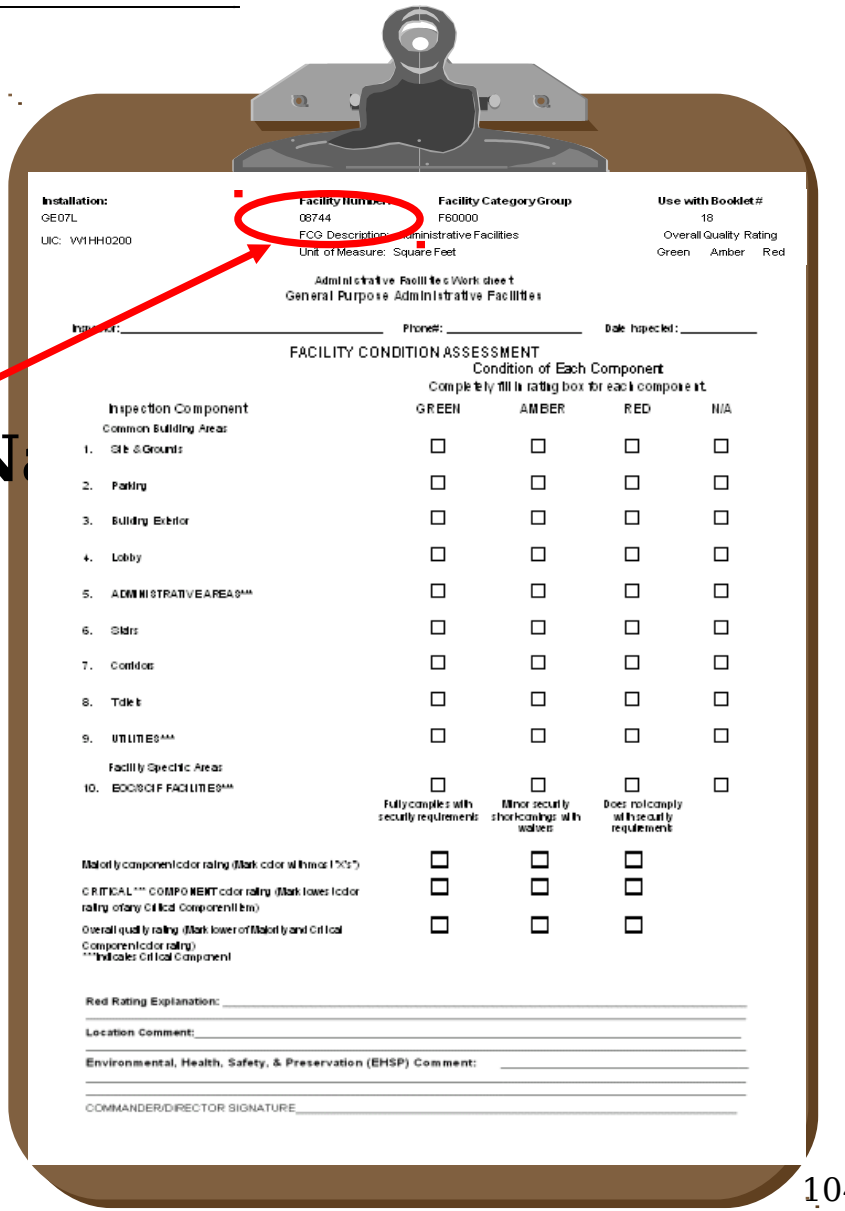
COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Pre-Printed Information:

*** Installation Number & Na**

*** Facility Number**



Installation: GE07L
UIC: W1HH0200
Facility Number: 08744
Facility Category Group: F60000
FCG Description: Administrative Facilities
Unit of Measure: Square Feet
Use with Booklet #: 18
Overall Quality Rating: Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector: _____ Phone#: _____ Date Inspected: _____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Site & Grounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. SCI/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL *** COMPONENT color rating (Mark lowest color rating of any Critical Component Item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation: _____

Location Comment: _____

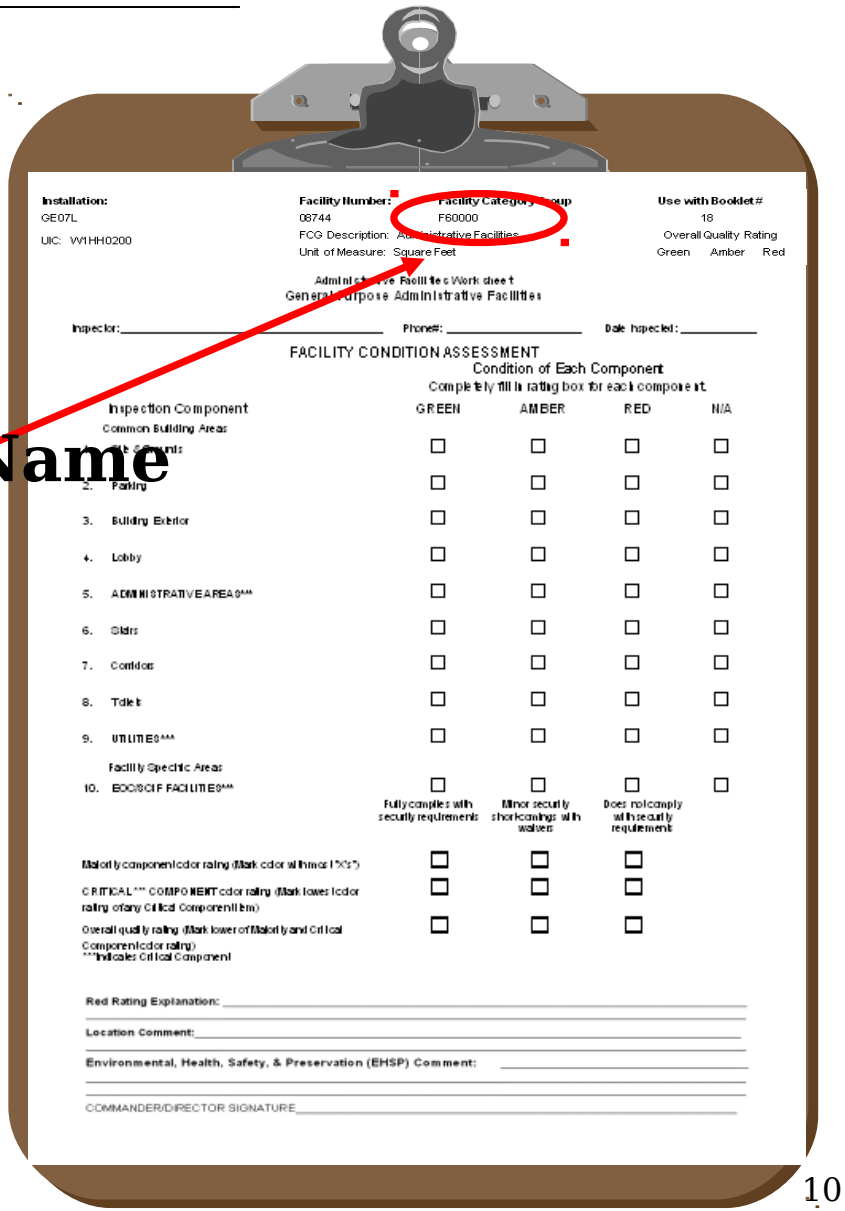
Environmental, Health, Safety, & Preservation (EHSP) Comment: _____

COMMANDER/DIRECTOR SIGNATURE _____

Rating Sheets

Pre-Printed Information:

* **Installation Number & Name**
* **Facility Number**
* **Facility FCG**



Installation: GE07L
UIC: W1HH0200
Facility Number: 08744
Facility Category Group: F60000
FCG Description: Administrative Facilities
Unit of Measure: Square Feet
Use with Booklet # 18
Overall Quality Rating
Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Unit Grounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. SCI/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL *** COMPONENT color rating (Mark lowest color rating of any Critical Component Item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation:_____

Location Comment:_____

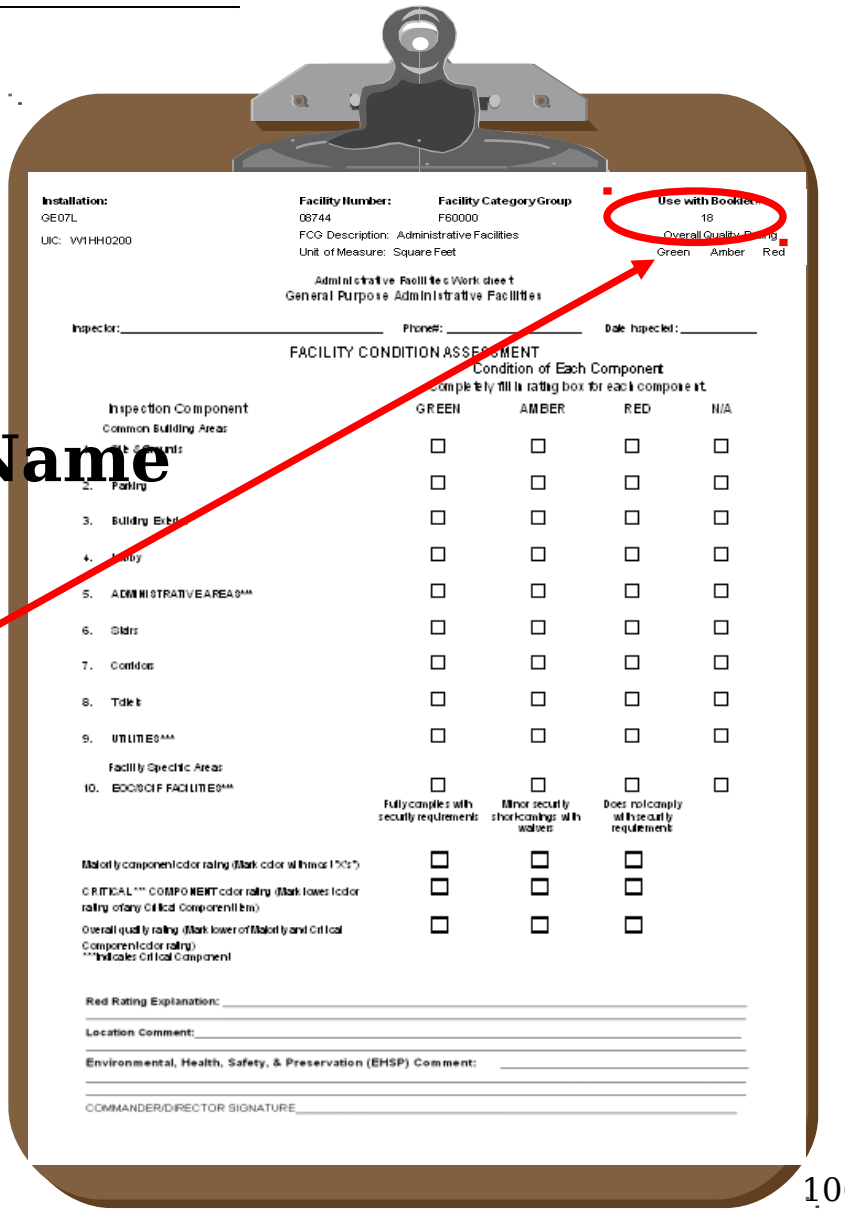
Environmental, Health, Safety, & Preservation (EHSP) Comment:_____

COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Pre-Printed Information:

* **Installation Number & Name**
* **Facility Number**
* **Facility FCG**
* **Rating Booklet Number**



Installation: GE07L
UIC: W1HH0200
Facility Number: 08744
Facility Category Group: F60000
FCG Description: Administrative Facilities
Unit of Measure: Square Feet
Use with Booklet: 18
Overall Quality Rating: Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Exit Signs***	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. EOC/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL*** COMPONENT color rating (Mark lowest color rating of any Critical Component item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

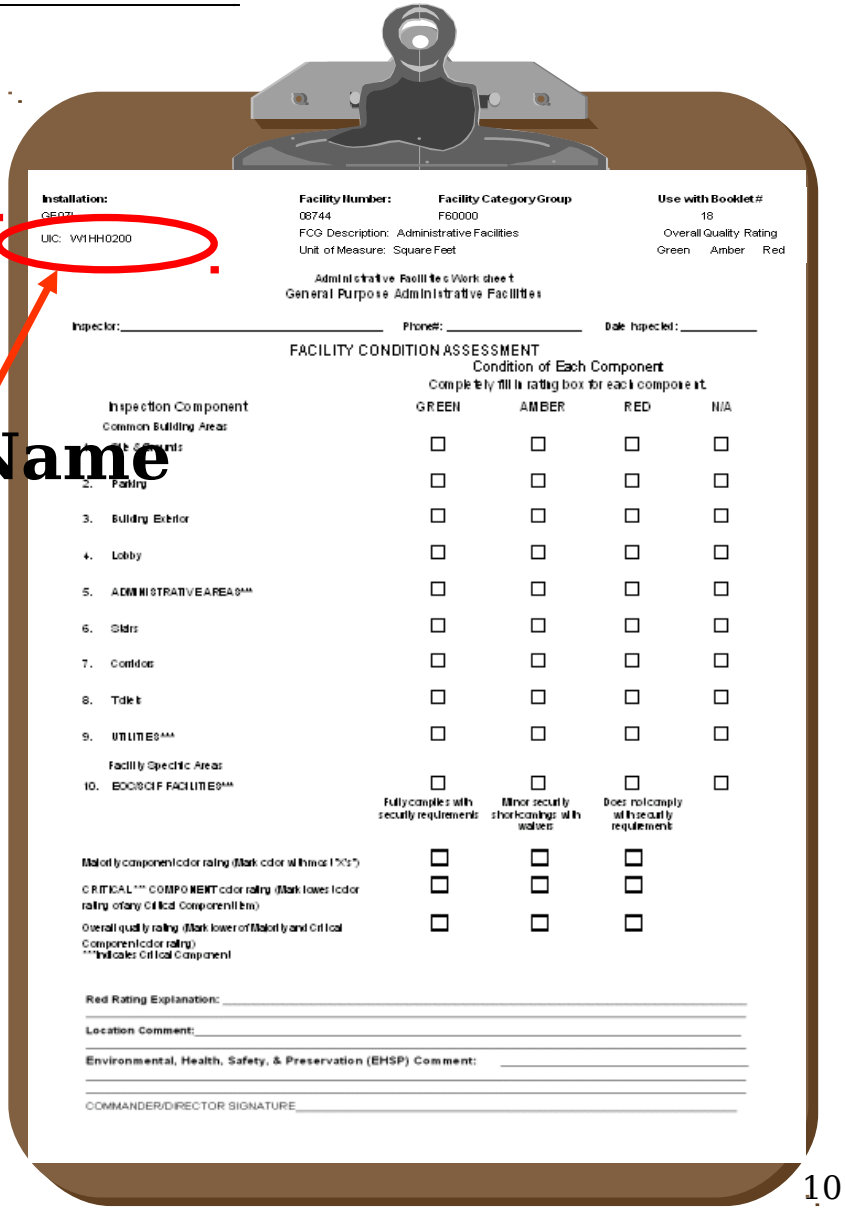
***Indicates Critical Component

Red Rating Explanation:_____
Location Comment:_____
Environmental, Health, Safety, & Preservation (EHSP) Comment:_____
COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Pre-Printed Information:

* **Installation Number & Name**
* **Facility Number**
* **Facility FCG**
* **Rating Booklet Number**
* **Facility Occupant UIC**



Installation:
GE07
UIC: W1HH0200

Facility Number: 08744
Facility Category Group: F60000
FCG Description: Administrative Facilities
Unit of Measure: Square Feet

Use with Booklet #: 18
Overall Quality Rating
Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Unit Grounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. SCI/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL*** COMPONENT color rating (Mark lowest color rating of any Critical Component Item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation:_____

Location Comment:_____

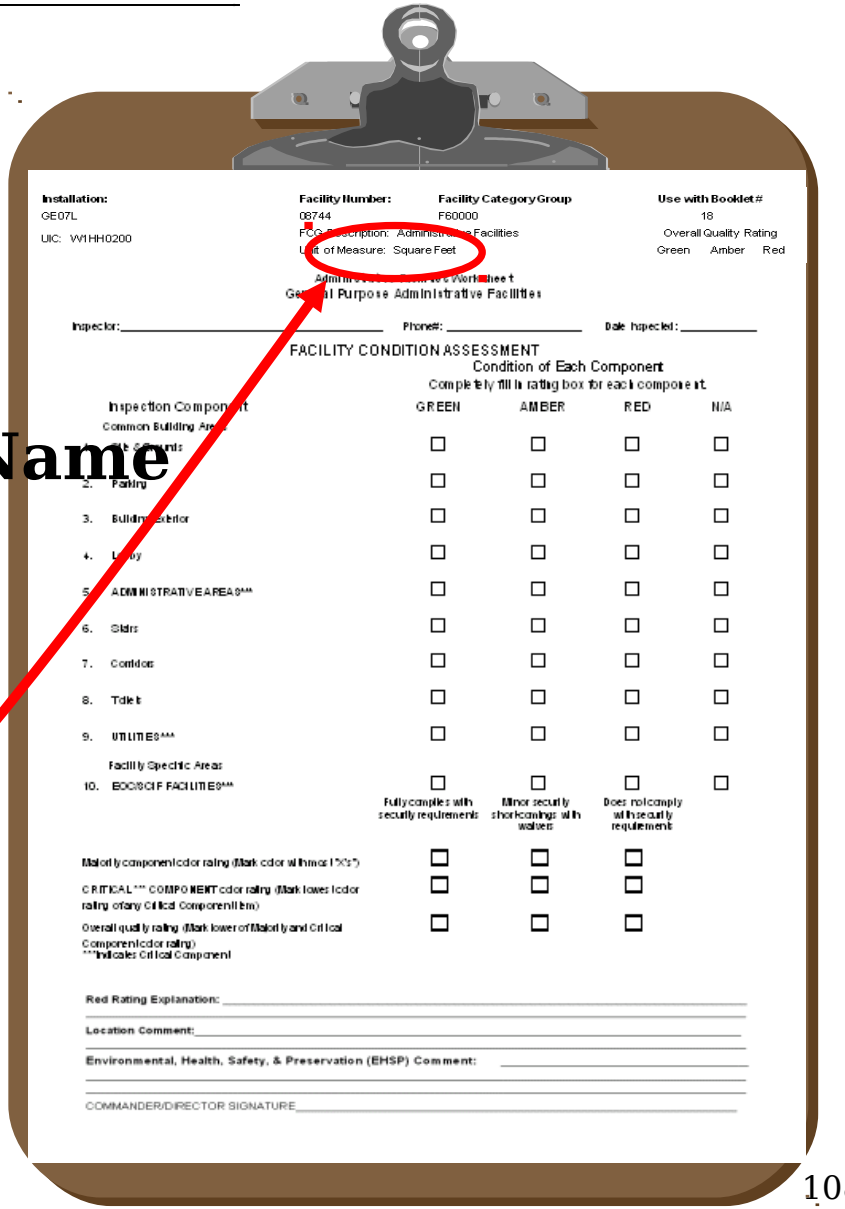
Environmental, Health, Safety, & Preservation (EHSP) Comment:_____

COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Pre-Printed Information:

* **Installation Number & Name**
* **Facility Number**
* **Facility FCG**
* **Rating Booklet Number**
* **Facility Occupant UIC**
* **Unit of Measure**



Installation: GE07L
UIC: W1HH0200
Facility Number: 08744
Facility Category Group: F60000
Use with Booklet #: 18
Unit of Measure: Square Feet
Overall Quality Rating: Green Amber Red

General Purpose Administrative Facilities

Inspector:_____ Phone#:_____ Date Inspected:_____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas				
1. Walk Surrounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS***	☐	☐	☐	☐
6. Stairs	☐	☐	☐	☐
7. Corridors	☐	☐	☐	☐
8. Toilets	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas				
10. SCIF/SCIF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waivers	Does not comply with security requirements	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL*** COMPONENT color rating (Mark lowest color rating of any Critical Component Item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

***Indicates Critical Component

Red Rating Explanation:_____

Location Comment:_____

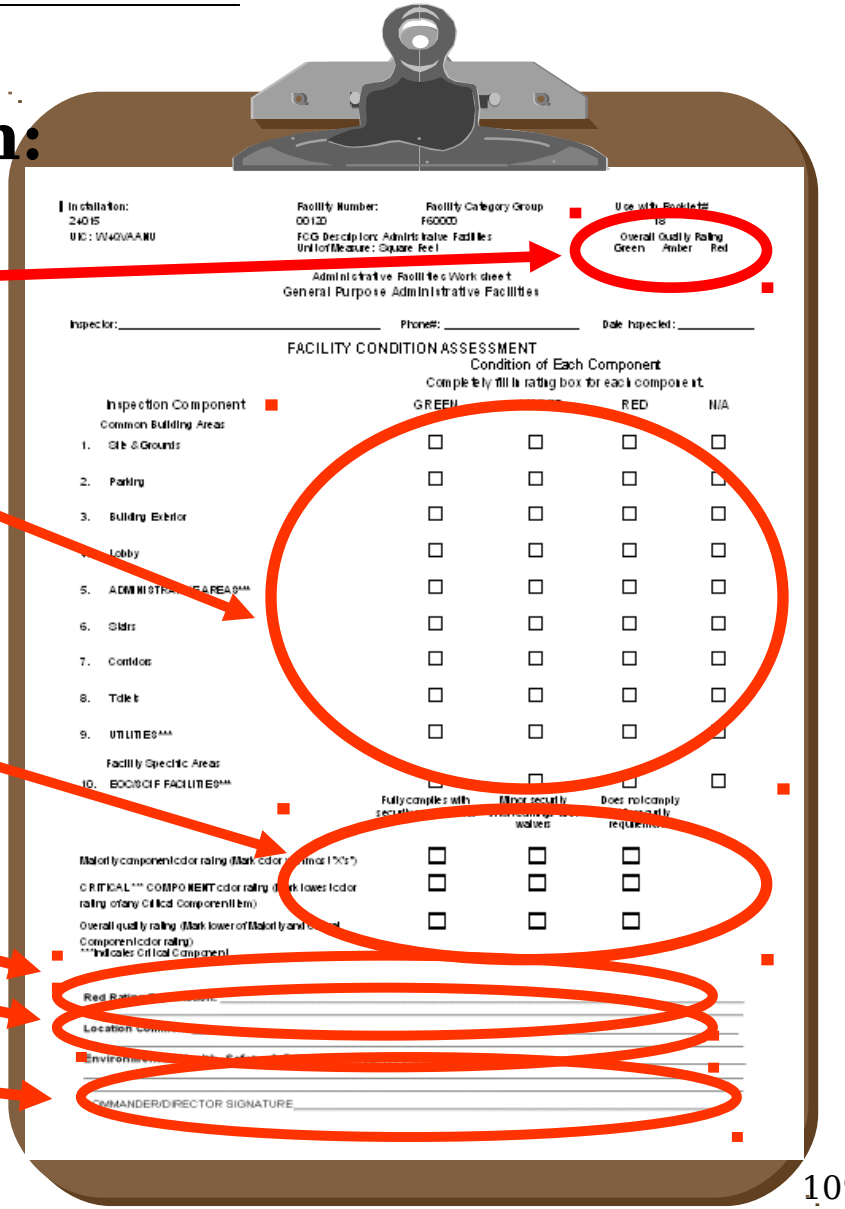
Environmental, Health, Safety, & Preservation (EHSP) Comment:_____

COMMANDER/DIRECTOR SIGNATURE_____

Rating Sheets

Information To Be Filled In:

* **Overall Facility Rating**
* **Facility Inspector's Component Ratings**
* **Calculation of Facility Color Rating**
* **Red Rating Comments**
* **Comments**
* **Signature**



Questions on Ratings Worksheets?

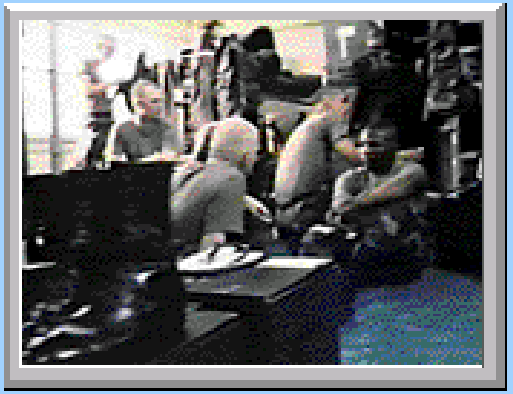
- Pre-printed information elements at top of worksheet?
- Component rating blocks?
- Determining the Overall facility rating?
- Concept of unique worksheet for each rated facility? For each FCG space component?

Facility Inspection

Inspection

The inspection is the most important part of the Quality Evaluation system because it is the basis for the Quality C-Ratings and renovation costs. For best results, the inspector should be a "user" of the facility or someone familiar with the specific use of the facility.

A "user" who is familiar with the facility will greatly speed up the inspection process, but no technical skills are needed to be an inspector. An example of a user might be a Platoon Sergeant for the soldier's barracks or the DPW Utilities chief for the water treatment facility.



Inspection Responsibilities

- ISR building inspections normally are accomplished and reported by **building occupants**.
- The largest building occupant/activity is normally responsible for the inspection. Determined based on IFS assignment records.
- Inspectors receive training via the training videotape and installation staff.
- **Expectation**: ***an honest evaluation based on the inspectors' knowledge of the building and best judgment in applying the rating standards.***
- DPW staff inspects utilities, roads and certain other areas requiring technical skills, and normally inspects family housing.

What Is Inspected

- Preferable: all eligible facilities in each rated FCG
- Allowable: a representative sample of the total inventory within each FCG **when there are sufficient facilities**
- ISR1 software will identify sample-eligible FCGs and provide minimum acceptable sample size for each
- Implementing Instructions provide representative sample sizes

Determining Overall Color Ratings

The following chart provides examples of the rating methodology for determining the overall color rating for a facility:

#Green	#Amber	#Red		Overall Rating
1	1	1	=	Red
2	1	2	=	Red
2	1	1	=	Green
2	2	1	=	Amber
3	3	2	=	Amber

View
Inspection Training
Video

Quiz

Question:

You are rating the admin space in a GP administrative facility. Workers say that their cubicles are too small.

How will you rate this space?

Is this an ISR issue?

No!

ISR Infrastructure assesses installation facility ***conditions***

Reference: Ratings Booklet 18

Question:

You are rating a building. An item listed on the rating sheet isn't part of the building but is required (e.g. bathroom in a maintenance building).

How will you rate the component?

Rate it RED

Why? It's required but is not available.

Question:

You are rating a building. An item listed on the rating sheet isn't there but is not required.

How will you rate the component?

Rate it N/A

Why N/A? It's not there, but is not required or not appropriate for that building (e.g. stairs in a single-story building).

Question:

There are 600 family housing units on your installation. Do all have to be individually rated?

No

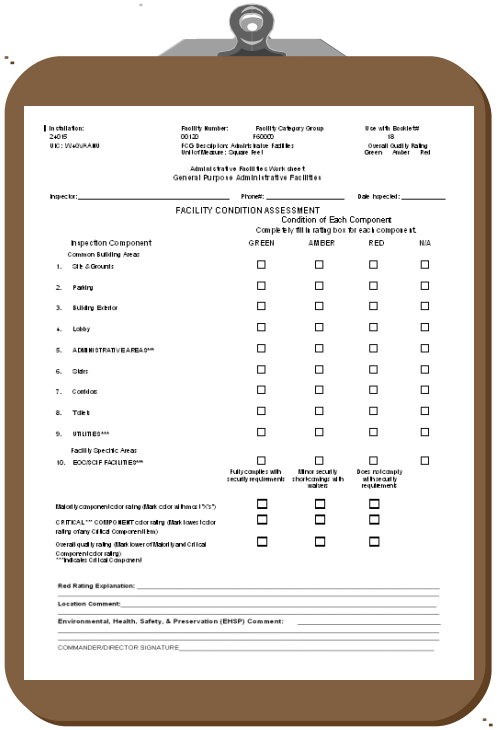
Why not?

Because you can complete the ratings by using sampling, which only requires actually rating a portion of the 1,200 houses. Infrastructure data entry module will tell you exactly how many must be rated by sampling.

Questions on Inspection Process?

- Importance of the inspection process?
- Who should normally do the inspection? Why?
- Expectation from the rating?
- Which facilities get inspected? Which do not?
- Which facilities does the DPW staff normally inspect? Why?
- Sampling? How sample size is determined?
- Special rating situations?

Entering Ratings Data In ISR


Installation:
24HS
UIC: W40UAA00

Facility Number:
00132

Facility Category Group
F60000

Use with Booklet#
68

FCG Description: Administrative Facilities
Unit of Measure: Square feet

Overall Quality Rating
Green Amber Red

Administrative Facilities Work sheet
General Purpose Administrative Facilities

Inspector: _____ Phone#: _____ Date Inspected: _____

FACILITY CONDITION ASSESSMENT
Condition of Each Component
Completely fill in rating box for each component.

Inspection Component	GREEN	AMBER	RED	N/A
Common Building Areas:				
1. Site & Grounds	☐	☐	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Lobby	☐	☐	☐	☐
5. ADMINISTRATIVE AREAS**	☐	☐	☐	☐
6. Odds	☐	☐	☐	☐
7. Corridor	☐	☐	☐	☐
8. Toilet	☐	☐	☐	☐
9. UTILITIES***	☐	☐	☐	☐
Facility Specific Areas:				
10. ROOMS OF FACILITIES***	☐	☐	☐	☐
	Fully complies with security requirements	Minor security shortcomings with waiver	Does not comply with security requirement	
Majority component color rating (Mark color with most "X's")	☐	☐	☐	
CRITICAL*** COMPONENT color rating (Mark lowest color rating of any Critical Component item)	☐	☐	☐	
Overall quality rating (Mark lower of Majority and Critical Component color rating)	☐	☐	☐	

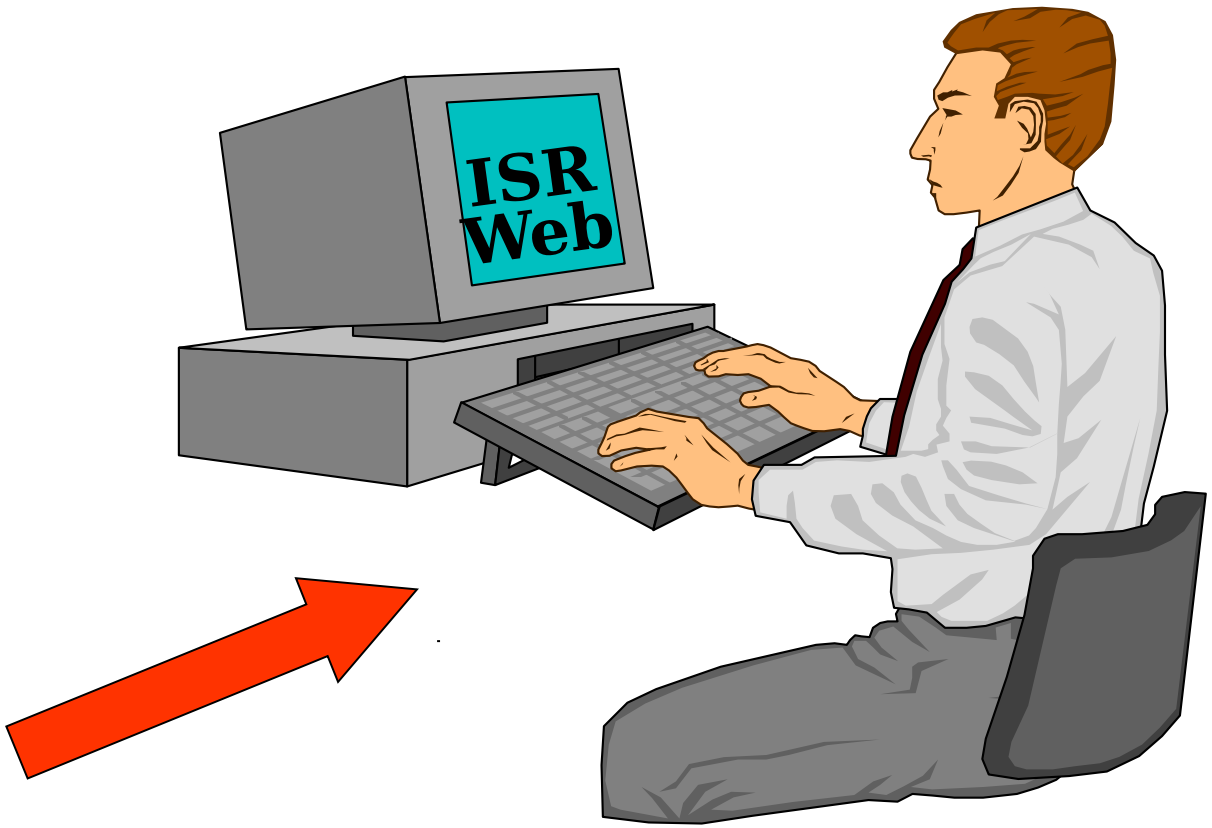
***Indicates Critical Component

Red Rating Explanation: _____

Location Comment: _____

Environmental, Health, Safety, & Preservation (EHSP) Comment: _____

COMMANDER/DIRECTOR SIGNATURE _____



Entering Rating Data

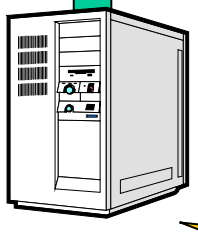
There is only one way to enter ratings in the Infrastructure Data Entry Module for each facility –

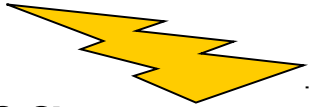
Enter the color rating for each component

We will cover this process in detail in the Data Entry Module ‘hands on’ session

ISRWeb End Viewer

Infrastructure Data Module





Color Coding, C-Ratings and Cost Data for All Rated Facilities

Who Will Enter Facility Ratings?

- Facility ratings in most cases have been entered into the software by the Infrastructure POC
- ‘Satellite’ operations are no longer supported
- Capability now exists for facility inspectors to enter ratings directly, if installation desires:
  - Assign ‘Evaluator’ role to each inspector
  - Inspector completes evaluation, goes into Infrastructure data entry module locally and enters ratings

Questions?

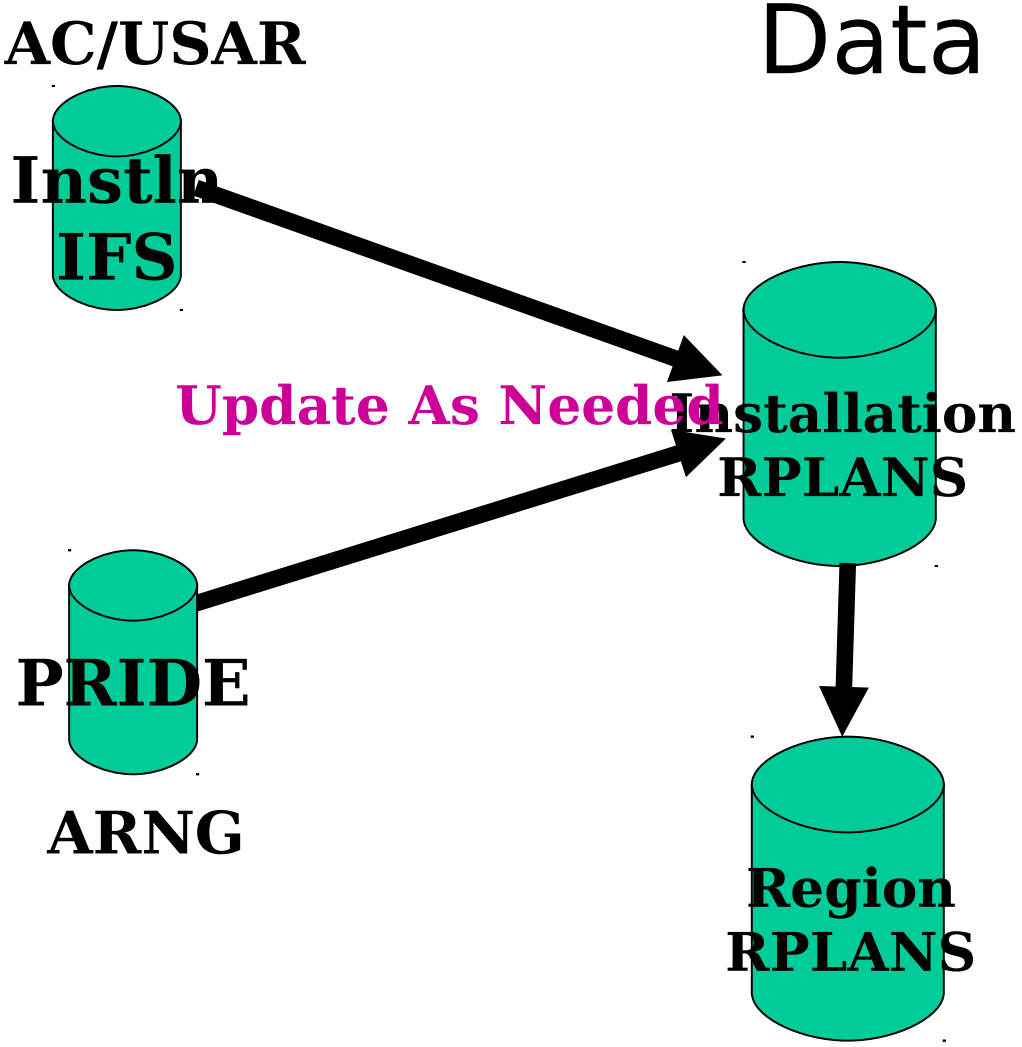
- Responsibilities?
- Rating standards booklets?
- Rating sheets?
- What gets rated?
- Different ways of entering ratings?
- Who does the rating?
- Submission requirements?

Where Your ISR Data Comes From

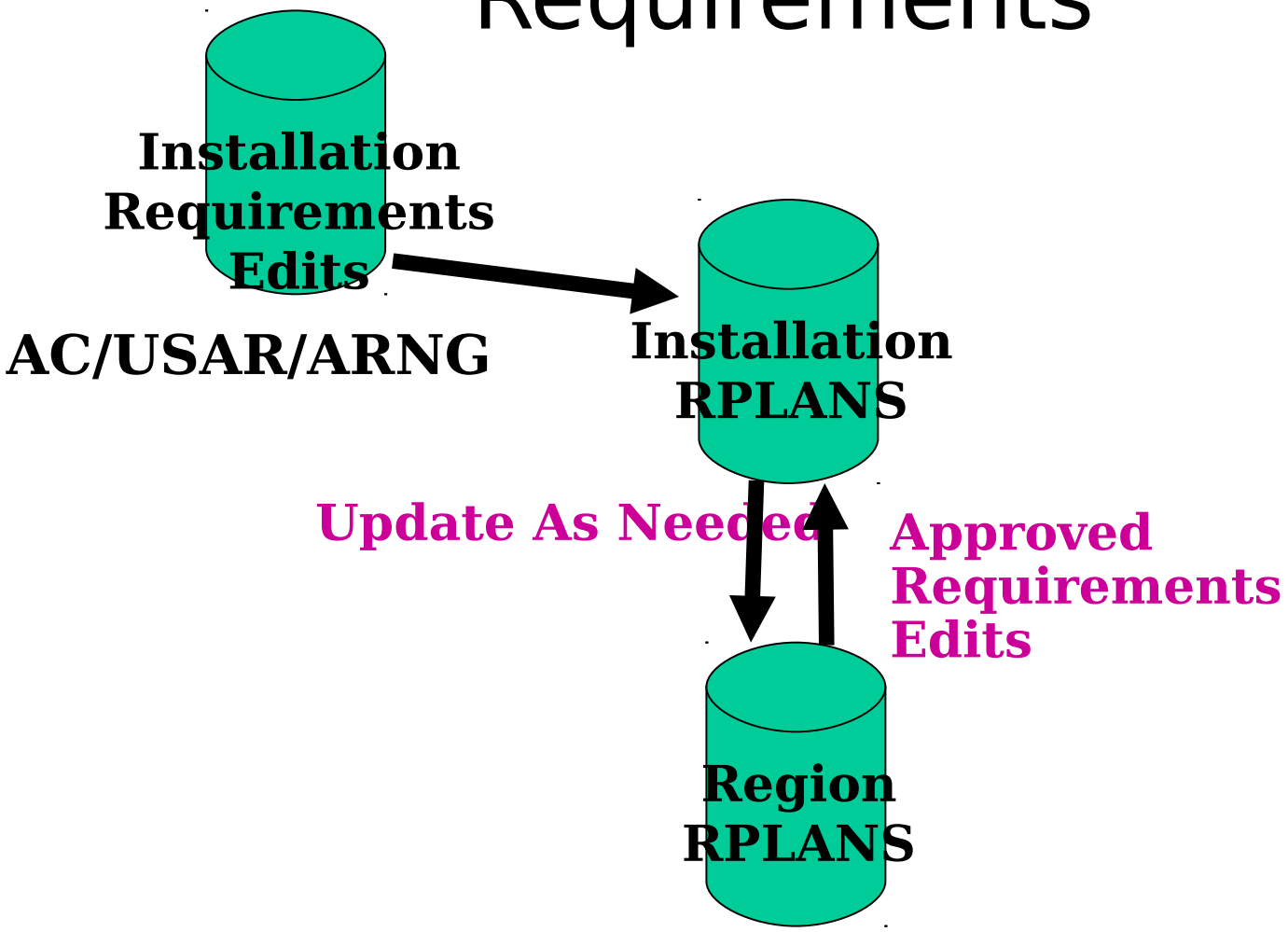
‘ISR Extract’ Data File

- ‘ISR Extract’ data file is produced from Installation RPLANS
- This file contains the facilities, UIC and requirements data you see in the Infrastructure data entry software and the CV
- Initial file automatically toploaded in ISR server. Updates are produced by the installation’s RPLANS Administrator and sent directly to ISR server.
- Source data for this file comes from:
  - **IFS**, for AC/USAR real property asset data
  - **Region RPLANS**, for approved facilities requirements data
  - **ASIP**, for UICs and force structure & installation population data that drives facilities allowance calculation

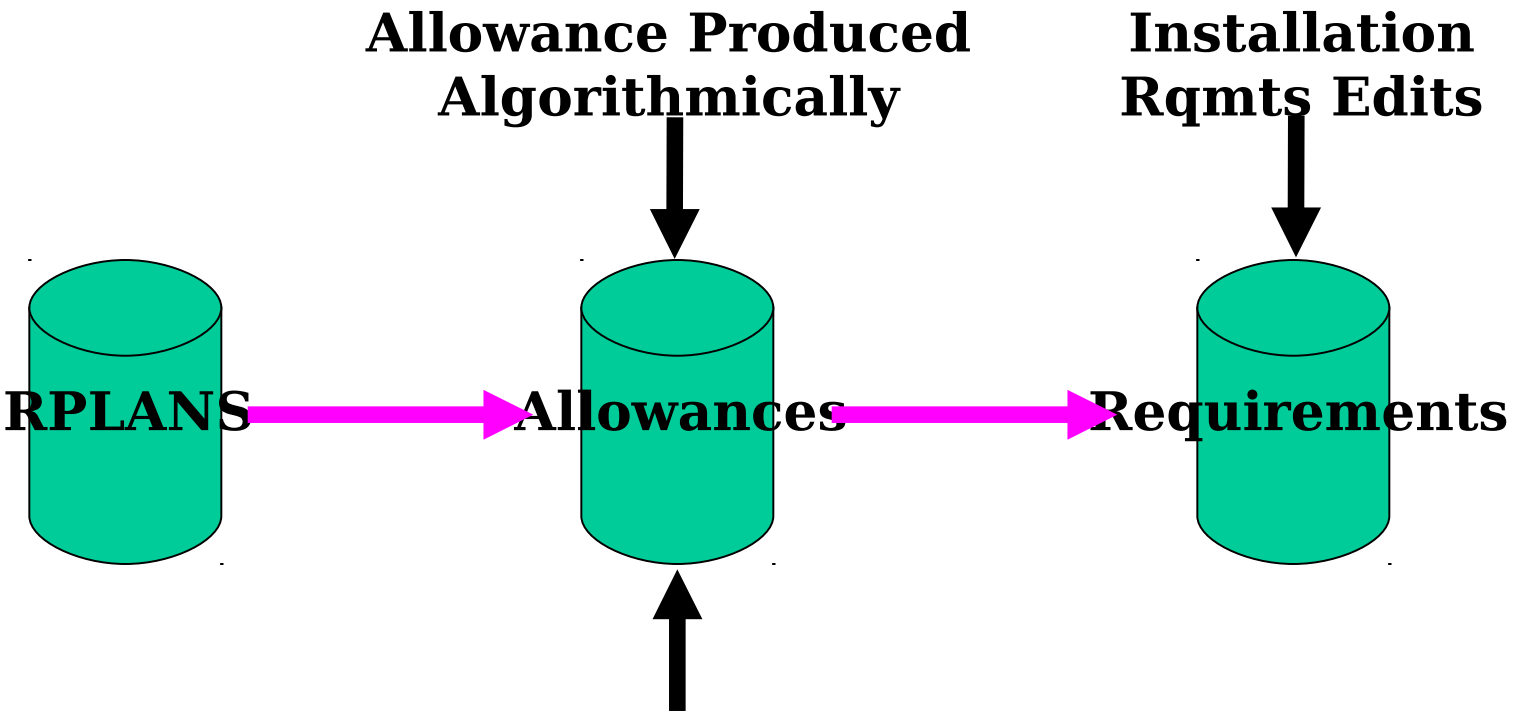
Real Property Asset Data



Facility Requirements

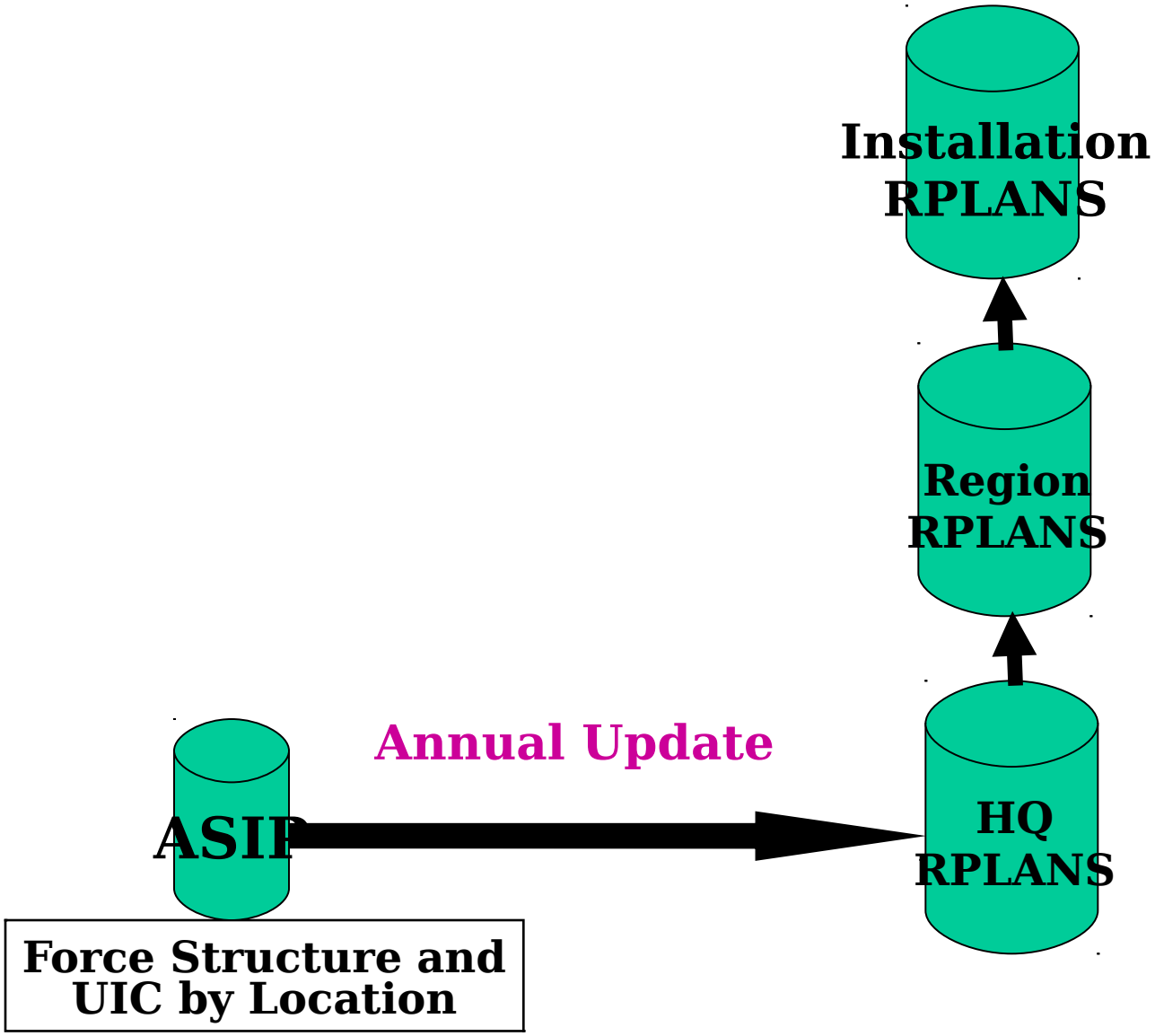


Facility Requirements

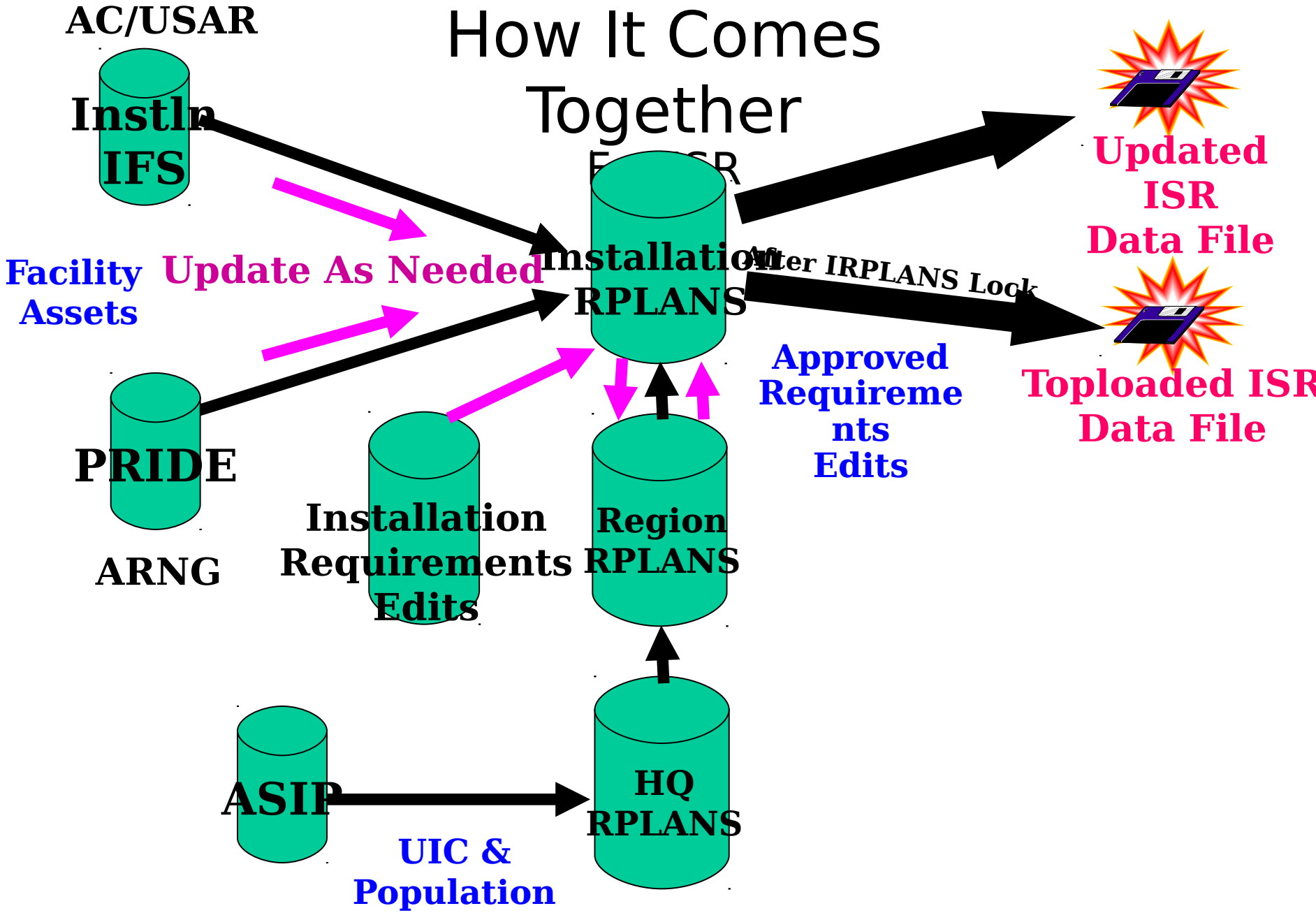


In ISR, Temp Facilities Are Not Considered Assets

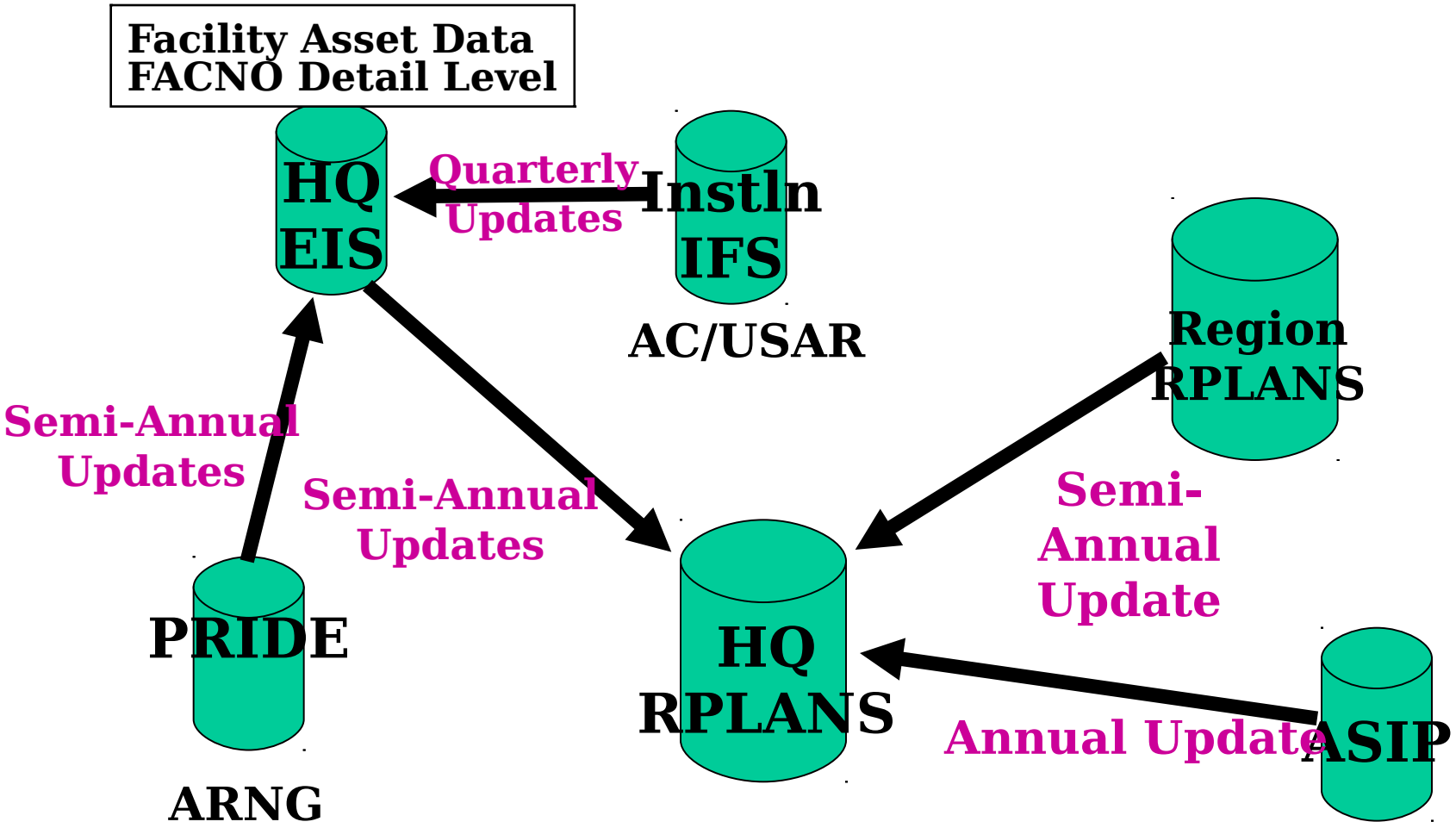
ASIP


Installation
RPLANS
Region
RPLANS
HQ
RPLANS
Annual Update
ASIP
Force Structure and
UIC by Location

How It Comes Together

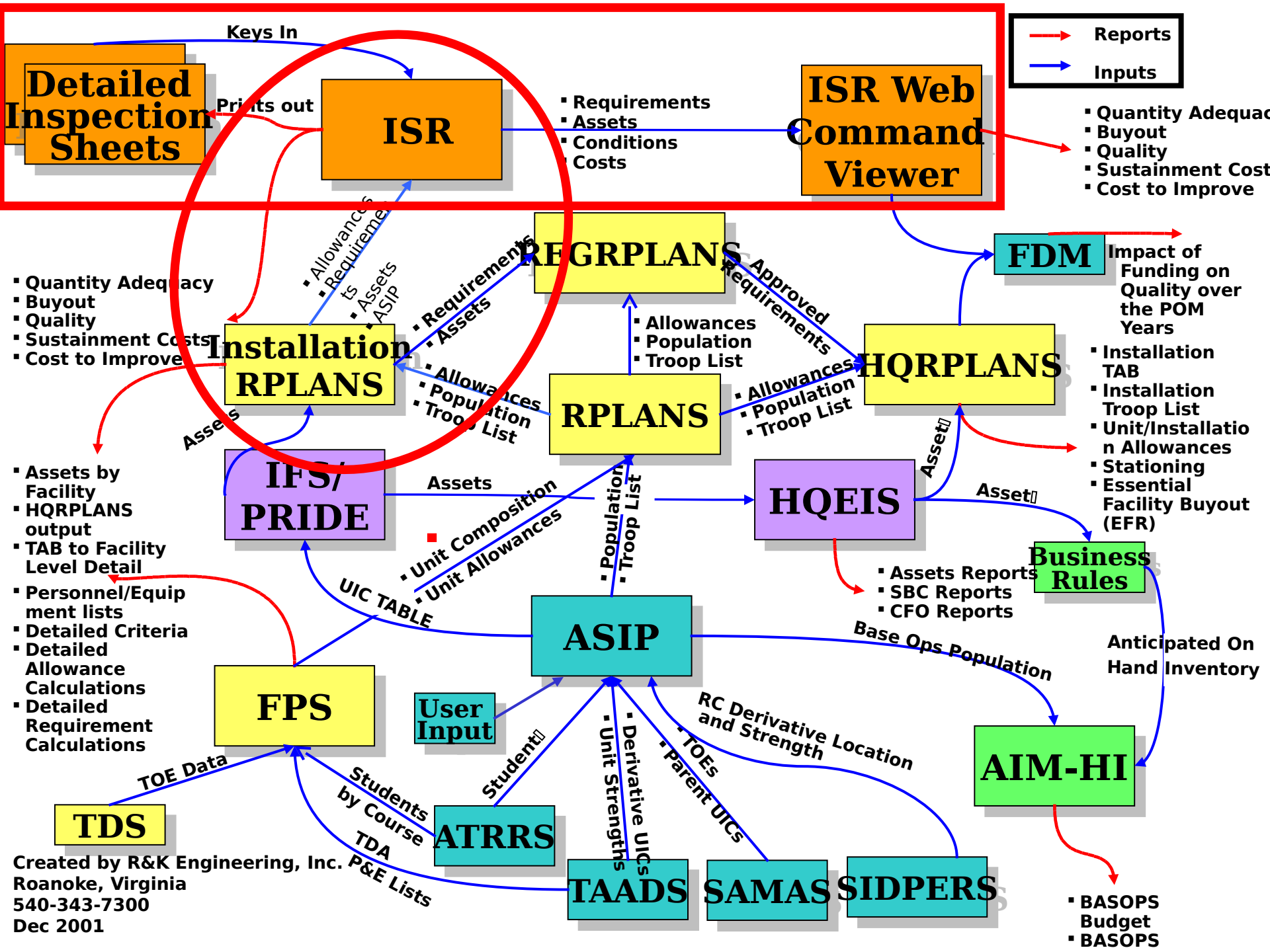


“Headquarters-Level” Data Flow

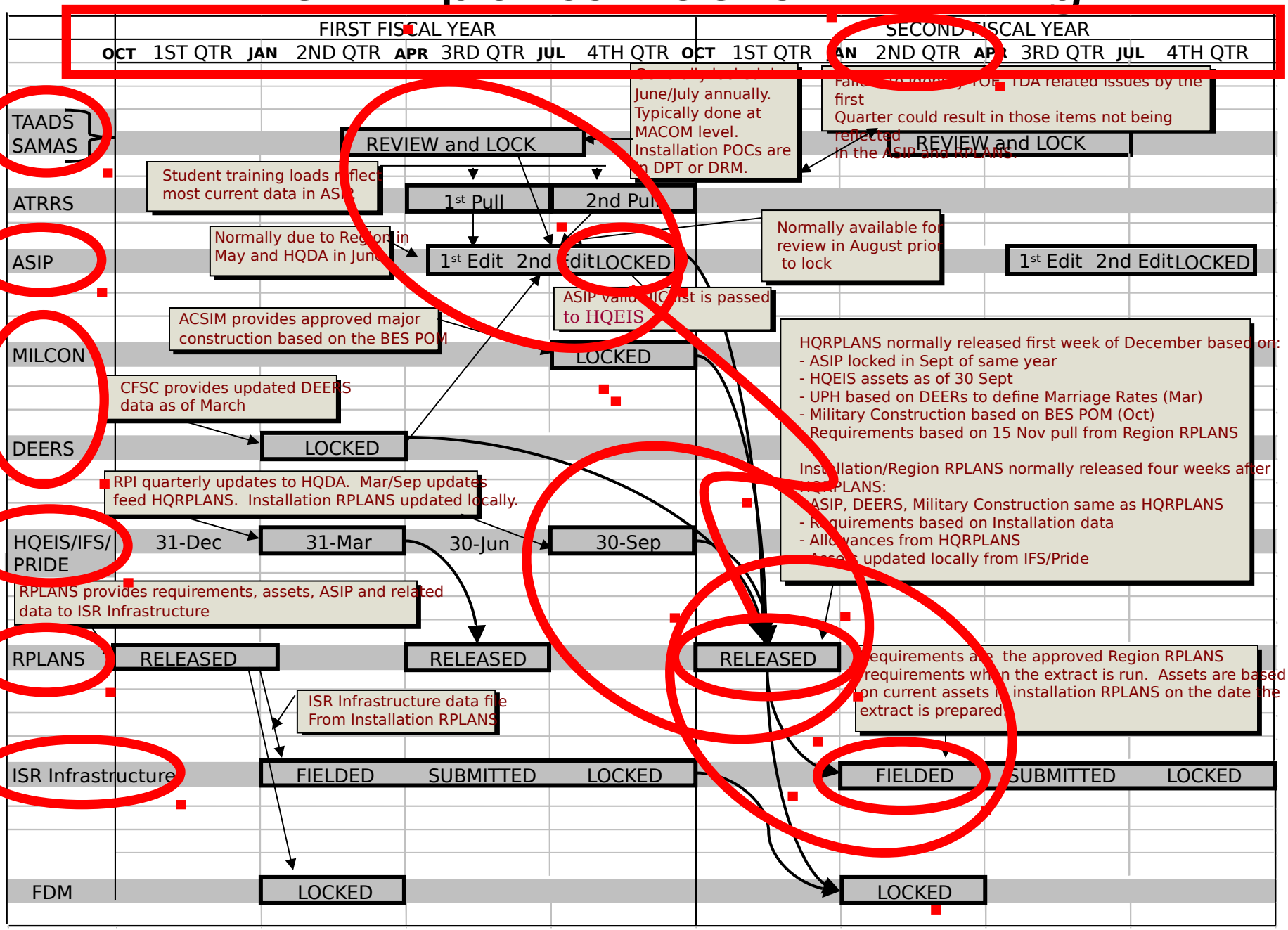


OACSIM Systems Are Interrelated

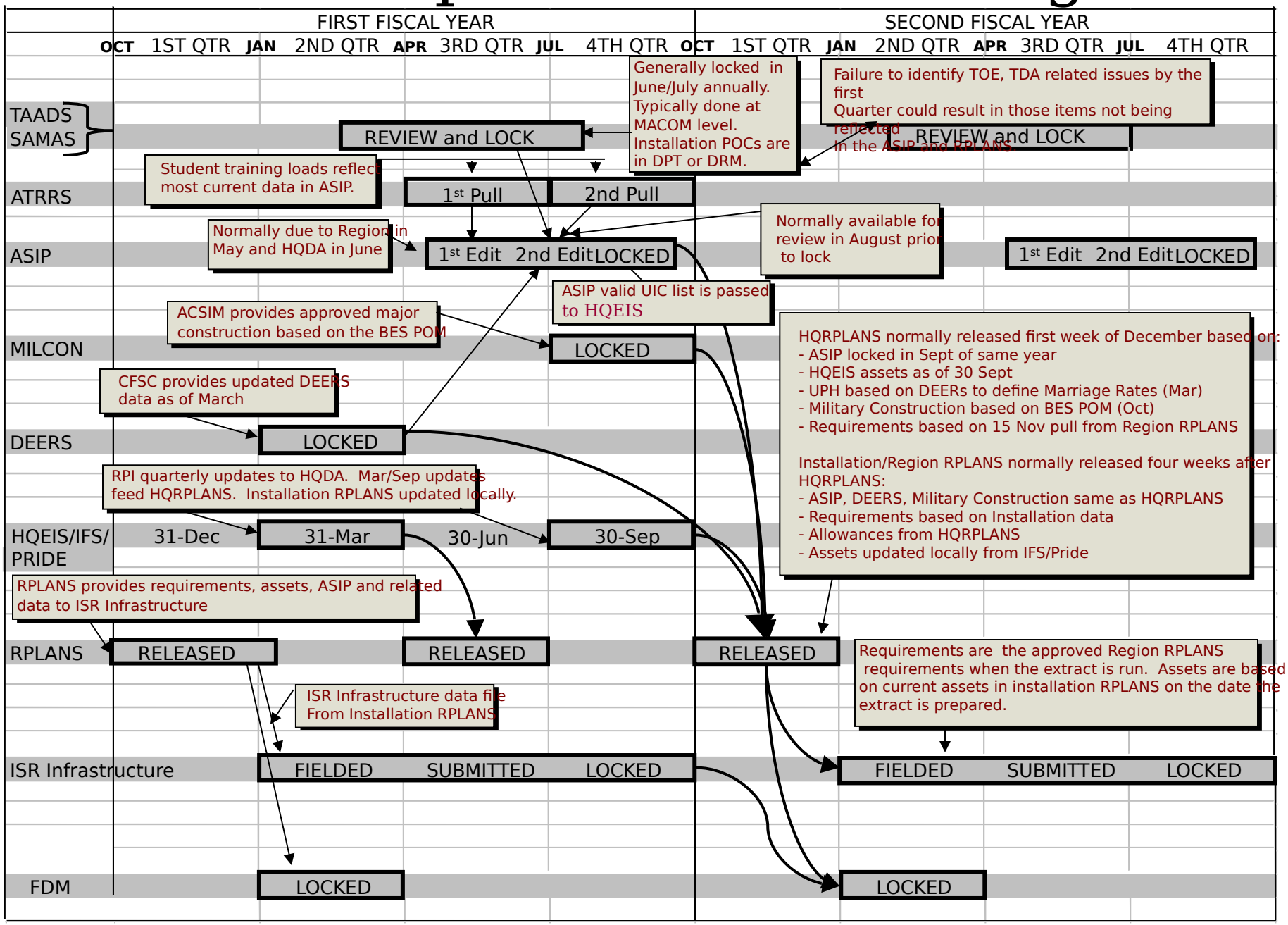
- OACSIM is the proponent for various institutional databases of record. ISR is only one of them.
- Each of these systems either feed or can influence the other systems, whether directly or indirectly.
- Therefore:
  - A change in one system potentially affects other OACSIM systems
  - A change in another system potentially affects ISR
- It is important to understand the basic interrelationships of these systems to understand what can affect the data you see in ISR
- Do NOT try to memorize the next chart! For reference only!


Reports
Inputs
Detailed Inspection Sheets
Keys In
Prints out
ISR
Requirements
Assets
Conditions
Costs
ISR Web Command Viewer
Quantity Adequac
Buyout
Quality
Sustainment Cost
Cost to Improve
Allowances
Requirements
Assets
ASIP
Quantity Adequacy
Buyout
Quality
Sustainment Costs
Cost to Improve
Installation RPLANS
REGRPLANS
Requirements
Assets
Approved Requirements
Allowances
Population
Troop List
RPLANS
HQRPLANS
FDM
Impact of Funding on Quality over the POM Years
Installation TAB
Installation Troop List
Unit/Installation Allowances
Stationing
Essential Facility Buyout (EFR)
Assets by Facility
HQRPLANS output
TAB to Facility Level Detail
IFS/ PRIDE
Assets
HQEIS
Unit Composition
Unit Allowances
Population
Troop List
Business Rules
Assets Reports
SBC Reports
CFO Reports
Personnel/Equipment lists
Detailed Criteria
Detailed Allowance Calculations
Detailed Requirement Calculations
UIC TABLE
ASIP
Base Ops Population
Anticipated On Hand Inventory
FPS
User Input
RC Derivative Location and Strength
AIM-HI
TOE Data
Students by Course
TDA
P&E Lists
Student
Unit Strengths
Derivative UICs
TOEs
Parent UICs
TDS
ATRRS
TAADS
SAMAS
SIDPERS
BASOPS Budget
BASOPS
Created by R&K Engineering, Inc.
Roanoke, Virginia
540-343-7300
Dec 2001

The Importance of Timing


FIRST FISCAL YEAR
SECOND FISCAL YEAR
OCT 1ST QTR JAN 2ND QTR APR 3RD QTR JUL 4TH QTR OCT 1ST QTR JAN 2ND QTR APR 3RD QTR JUL 4TH QTR
TAADS
SAMAS
REVIEW and LOCK
REVIEW and LOCK
June/July annually. Typically done at MACOM level. Installation POCs are in DPT or DRM.
Student training loads reflect most current data in ASIP
ATRRS
1st Pull
2nd Pull
ASIP
Normally due to Region in May and HQDA in Jun
1st Edit 2nd Edit LOCKED
Normally available for review in August prior to lock
1st Edit 2nd Edit LOCKED
ASIP validation list is passed to HQEIS
ACSIM provides approved major construction based on the BES POM
MILCON
LOCKED
HQRPLANS normally released first week of December based on:
- ASIP locked in Sept of same year
- HQEIS assets as of 30 Sept
- UPH based on DEERs to define Marriage Rates (Mar)
- Military Construction based on BES POM (Oct)
Requirements based on 15 Nov pull from Region RPLANS
Installation/Region RPLANS normally released four weeks after HQRPLANS:
- ASIP, DEERS, Military Construction same as HQRPLANS
- Requirements based on Installation data
- Allowances from HQRPLANS
- Assets updated locally from IFS/Pride
CFSC provides updated DEERS data as of March
DEERS
LOCKED
RPI quarterly updates to HQDA. Mar/Sep updates feed HQRPLANS. Installation RPLANS updated locally.
HQEIS/IFS/ PRIDE
31-Dec
31-Mar
30-Jun
30-Sep
RPLANS provides requirements, assets, ASIP and related data to ISR Infrastructure
RPLANS
RELEASED
RELEASED
RELEASED
Requirements are the approved Region RPLANS requirements when the extract is run. Assets are based on current assets in installation RPLANS on the date the extract is prepared.
ISR Infrastructure data file From Installation RPLANS
ISR Infrastructure
FIELDED SUBMITTED LOCKED
FIELDED SUBMITTED LOCKED
FDM
LOCKED
LOCKED

The Importance of Timing


FIRST FISCAL YEAR
SECOND FISCAL YEAR
OCT 1ST QTR JAN 2ND QTR APR 3RD QTR JUL 4TH QTR OCT 1ST QTR JAN 2ND QTR APR 3RD QTR JUL 4TH QTR
TAADS SAMAS
ATRRS
ASIP
MILCON
DEERS
HQEIS/IFS/ PRIDE
RPLANS
ISR Infrastructure
FDM
REVIEW and LOCK
REVIEW and LOCK
1st Pull
2nd Pull
1st Edit 2nd Edit LOCKED
1st Edit 2nd Edit LOCKED
LOCKED
LOCKED
31-Dec
31-Mar
30-Jun
30-Sep
RELEASED
RELEASED
RELEASED
FIELDED SUBMITTED LOCKED
FIELDED SUBMITTED LOCKED
LOCKED
LOCKED
Generally locked in June/July annually. Typically done at MACOM level. Installation POCs are in DPT or DRM.
Failure to identify TOE, TDA related issues by the first Quarter could result in those items not being reflected in the ASIP and RPLANS.
Student training loads reflect most current data in ASIP.
Normally due to Region in May and HQDA in June
Normally available for review in August prior to lock
ASIP valid UIC list is passed to HQEIS
ACSIM provides approved major construction based on the BES POM
CFSC provides updated DEERS data as of March
RPI quarterly updates to HQDA. Mar/Sep updates feed HQRPLANS. Installation RPLANS updated locally.
HQRPLANS normally released first week of December based on:
- ASIP locked in Sept of same year
- HQEIS assets as of 30 Sept
- UPH based on DEERs to define Marriage Rates (Mar)
- Military Construction based on BES POM (Oct)
- Requirements based on 15 Nov pull from Region RPLANS
Installation/Region RPLANS normally released four weeks after HQRPLANS:
- ASIP, DEERS, Military Construction same as HQRPLANS
- Requirements based on Installation data
- Allowances from HQRPLANS
- Assets updated locally from IFS/Pride
RPLANS provides requirements, assets, ASIP and related data to ISR Infrastructure
ISR Infrastructure data file From Installation RPLANS
Requirements are the approved Region RPLANS requirements when the extract is run. Assets are based on current assets in installation RPLANS on the date the extract is prepared.

Key Points To Consider

- The timing relationships are keyed to supporting the DoD budget process
- The DoD budget process is INFLEXIBLE
- Understanding the timing relationships on previous chart will give you the basis to explain why, for instance:
  - ISR Infrastructure can’t start sooner than January each year
  - An event delaying TAADS/SAMAS in January one year can affect ISR a year later. This happened three years ago.

Questions?

- What systems feed HQ RPLANS?
- What the difference is between HQ RPLANS, Region RPLANS and Installation RPLANS?
- When you should create an updated ‘ISR Extract’ file?
- How requirements are derived?
- Timing relationships?

ISR Use of IFS Ownership and Disposition Codes

ISR Use of IFS Ownership Codes

		Applies To:		
CODE	**DESCRIPTION**	**ACTIVE**	**RESERVE**	**GUARD**
0	CIVIL			√
1	OWNED	√	√	√
2	LEASED OFFPOST		√	
3	OTHER	√	√	√
4	PERMIT	√	√	√
5	NATO-FUNDED	√	√	√
6	LEASED ONPOST		√	
7	AGREEMENT	√	√	√
8, G	PRIVATE **(G = Residential Community Initiative)**	√ *		
9	NG			√
C	LEASED CAPITAL			

* Privatized ('RCI') family housing only

Facilities with IFS real property records having an Ownership Code indicated with a √ above will included among facilities to be rated in ISR Infrastructure, unless otherwise excluded by one of the Planned Disposition Codes indicated on next slide.

ISR Use of IFS Planned Disposition Codes

IFS Planned Disposition Codes on Which ISR Filters	
CODE	DESCRIPTION
B	NON-FRP DISPOSAL
G	FRP DISPOSAL
H	MCA/FOOTPRINT DISPOSAL
K	BRAC 1 DISPOSAL
L	BRAC 91 DISPOSAL
M	BRAC 93 DISPOSAL
N	BRAC 95 DISPOSAL
W	LAYAWAY WITH FRP CREDIT
Y	RETURN TO HOST NATION DISPOSAL

Facilities whose IFS real property records are coded with any of the above Planned Disposition Codes are not rated in ISR Infrastructure. Exception: For Disposition Code B, G, H, W and Y, this applies ONLY to those facilities with Planned Disposal Dates of next calendar year or earlier.

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02

ISR Use of Cost Factors

Types of Cost Factors Used

- ISR uses the following cost factors:
  - Quality Improvement - DASA-CE
  - Construction - OSD
  - Project - OSD
  - Area/Regional - OSD
- Cost factors are updated annually
- Cost factors can be found in the Command Viewer Help file

Production of ISR Cost Data

- ISR produces two types of cost data:
  - Restoration (Quality Improvement)
    - Total
    - Improve to C-1/C-2/C-3
  - Modernization (Quantity Improvement)
    - Total
    - Improve to C-1/C-2/C-3
- These are MACRO-LEVEL planning costs
- Each type of cost is produced using the standard DoD or Army cost factors described on previous slide

Software Demos
&
Hands-On

Command Viewer

Data Entry Module

Command Viewer

Data Administrator

Command Viewer

Admin Module

Command Viewer

Current Year Data

Command Viewer

Historical Data

ISR Reports

The ISR software produces two categories of reports:

- Internal reports for analysis
- Formal reports for meeting submission requirements

Producing Reports

- Both ISR Data Entry Module and ISR CV have report-generating capabilities.
- Both provide tabular and graphic reports which can be viewed on-screen or printed. Some can be exported to a file in various formats.
  - Data Entry module produces 14 different ‘standard format’ reports
  - ISR CV will produce both ‘stardard format’ reports and reports based on expanded query capability (‘Ad Hoc Query’).

Data Approval and Transmittal Process

HQDA = ACSIM + HQIMA

Region Final Submission to HQDA

Step 5: Regions submit final Hardcopy documents IAW AR and Implementing Instructions. HQDA and ISR Spt Team view this data via Web and check for anomalies in Quality and Quantity (assets vs reqmts) data. **QA/QC**

Step 4: MSC/Region Data Approval

Region electronic approval of data. Data is approved – Status is saved by ISR POC. Once approved, Data is viewable by HQDA. **QA/QC**

Step 3: MSC/Region QA/QC & Installation Data Rollup in Command Viewer

Region reviews data approved by Subordinate Orgs and generates rollup of all Installations and Parent Org,…once **ALL** are submitted. **QA/QC**

Step 2: Data Approval in Command Viewer

Installation approves data. Approved status is "saved" by Installation Infra POC. Once approved, Data is released to and viewable by next higher "Parent Org" (BSB, ASG, and Region, depending on Parent/ Child relationship) **QA/QC**

Step 1: Installation Infrastructure POC Transfers Data in Data Entry Module to Command Viewer

ISR Infra POC **validates** data with Commander's comments and **transfers** it to ISR Command Viewer. *First Step in data submission process.* **QA/QC**

ISR Submission Requirements

- Requirements for installations' submission of ISR Infrastructure data to ISR-Web central database are outlined in the Infrastructure Implementing Instructions.
  - Cover memorandum to next-higher HQs with Commander's remarks (Still Required)
  - 'Hard copy' of the "Commander's Installation Status Report," attached to the cover memorandum (Still required)
  - Copy of ISR report to installation tenants if they desire

Commander's Installation Status Report

Commander's Installation Status Report

(ISR-Infrastructure)

Report Year: 2004
Installation Name: XX349 – Ft Sample

Data Date: 11/20/2003 10:11:00 AM
11/25/2003 8:36:20 AM

Facility Class/Category	Quality	Quantity	Overall	Overwrite
Operations & Training		**C2**	**C2**	
Training Ranges & Areas		C2	C2	
Training / Instruction Facilities		C2	C2	
Administrative Facilities (Ops & Tng)		C2	C2	
Information Management		C1	C1	
Maintenance & Production		**C1**	**C1**	
Maintenance Facilities		C1	C1	
Production Facilities	N/A	N/A	N/A	
RDT&E	**N/A**	**N/A**	**N/A**	
Research & Development	N/A	N/A	N/A	
Supply		**C3**	**C3**	
Supply & Storage Facilities		C3	C3	
Medical		**C1**	**C1**	
Hospital & Medical Facilities		C1	C1	
Administrative		**C1**	**C1**	
Administrative Facilities (Admin)		C1	C1	
Housing & Community		**C1**	**C1**	
Trainee Unaccompanied Personnel	N/A	N/A	N/A	
Family Housing		C1	C1	
Enlisted Unaccompanied Personnel		C1	C1	
Other Unaccompanied Personnel		C3	C3	
Dining Facilities		C1	C1	
Post Exchange		C1	C1	

DRAFT REPORT

Commander's Installation Status Report

(ISR-Infrastructure)

Report Year: 2004
Installation Name: XX349 – Ft Sample

Data Date: 11/20/2003 10:11:00 AM
11/25/2003 8:36:20 AM

Facility Class/Category	Quality	Quantity	Overall	Overwrite
Commissary		C1	C1	
Child Development Centers		C1	C1	
Dependent School Facilities		C1	C1	
Community Support		C2	C2	
Utilities & Ground Improvement		**C2**	**C2**	
Heat / Air Conditioning		C1	C1	
Electric / Gas		C1	C1	
Water		C1	C1	
Sewer		C3	C3	
Road & Trail Network (Util)		C3	C3	
Mobility		**C1**	**C1**	
Road & Trail Network (Mob)		C1	C1	
Railroads		C1	C1	
Airfield Facilities		C1	C1	
Airfield Pavements		C1	C1	
Ports	N/A	N/A	N/A	

DRAFT REPORT

Commander's Signature _____ **Date:** _____

FOR OFFICIAL USE ONLY

Planning For A Successful ISR Cycle

Plan Ahead

- A successful ISR cycle does not “just happen”
- You, as the ISR Infrastructure POC, have a key role in making it happen
- How? **MANAGE** each part of the process! You are the manager.
- Management requires:
  - Understanding the processes involved
  - Understanding timing relationships
  - Having a vision of end-state requirements
  - Charting a path to get there
  - Taking those actions required to make it happen

Plan for Success

- Think **Annual Cycle** - Major milestones are predictable
- You can plan NOW for what's coming in the next year
- Know who the POCs are for the ISR supporting systems - RPLANS, ASIP & IFS
- Ensure institutional data is updated - QUALITY DATA IS CRITICAL. Data updates are done on a predictable, cyclical basis.
- Plan facility inspector training requirements

ISR Data Quality

ISR Data Quality

ISR Infrastructure results are only as good as:

- The quality of the underlying baseline data:
  - **IFS:** *real property assets*
  - **Installation RPLANS:** *requirements*
  - **ASIP:** *installation population + UICs*
- The quality of the facilities inspection

Importance of Accurate Data

The quality of the ISR source data affects:

- ISR-derived costs:
  - **Quality Improvement**
  - **Deficit reduction**
- Our picture of the overall quality of Army facilities
- Our ability to justify requests for MILCON and additional RPM funding - **ISR data is recognized and accepted**
- What we tell **OSD** and **Congress** about the readiness of Army installation infrastructure

IFS
ASIP
RPLANS

You have a role in ensuring the quality of source data and supporting the ISR program!

The Point: *Quality data* makes ISR RECOGNIZED and ACCEPTED at all levels in supporting your needs. You can help!

Ensuring Quality ISR Baseline Data

Keep Institutional Data Current:

- Ensure that **IFS**, **Installation RPLANS** and **ASIP** data are periodically reviewed for accuracy - at minimum during scheduled update cycles
- If **IFS** and **electronic ASIP** are not in synch, will see “UIC Not in ASIP” error messages in ISR - error is normally a mismatch on 5th & 6th position of UIC

Ensuring Quality ISR Baseline Data

- Requirements in **Installation RPLANS** must be reviewed and adjusted as necessary, then passed to the Region for approval
- Requirements in ISR Infrastructure will be based on the approved Region RPLANS position
- Important to follow-up with Region to ensure requirements edits are approved before requesting an updated ISR Extract data file

Ensuring Quality ISR Baseline Data

- The challenge: supporting systems typically are “owned” by someone other than the ISR POC
- ISR POC needs to find and establish a good working relationship with the POCs for these other systems

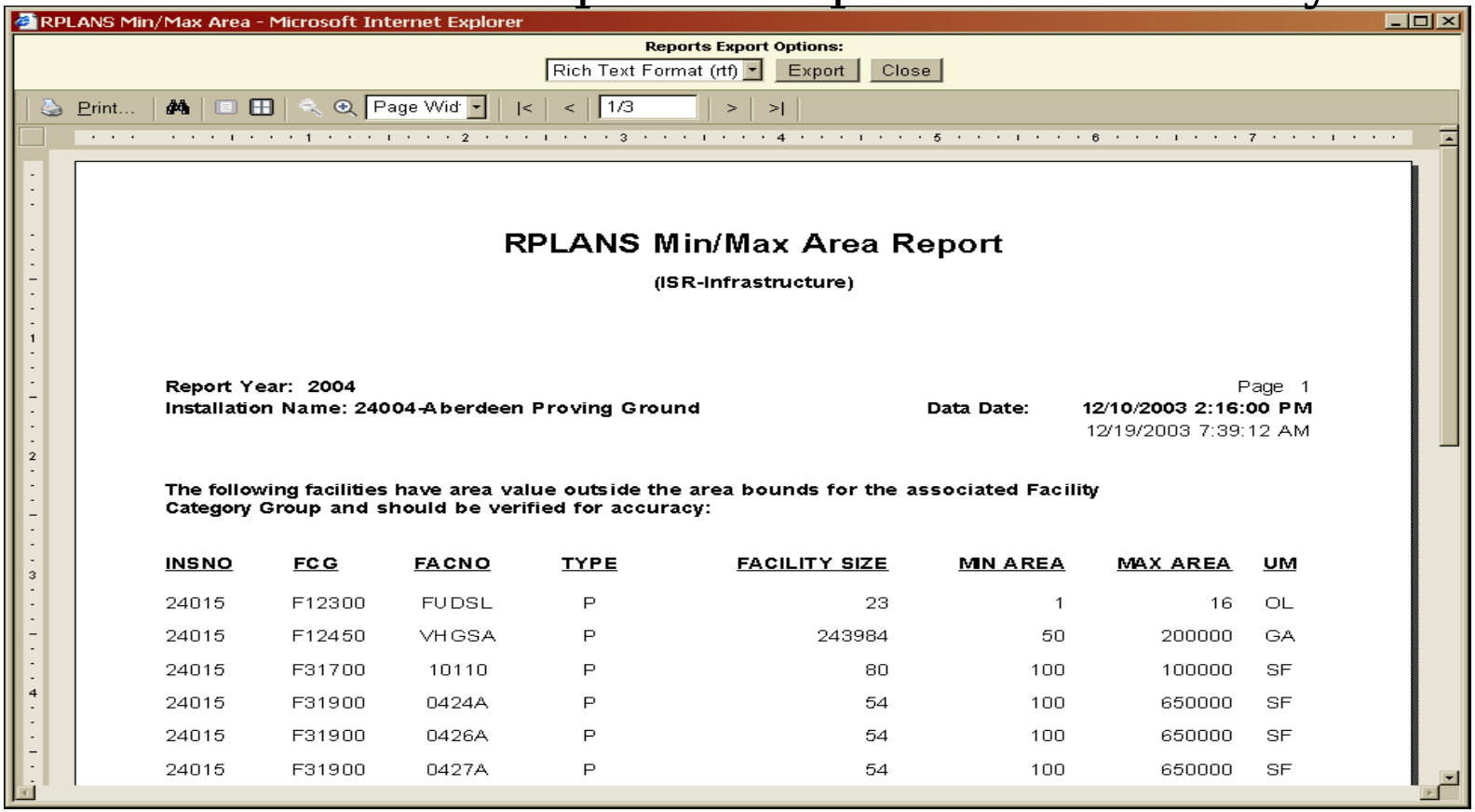
Ensuring Quality ISR Baseline Data

Data Integrity:

Careful scrutiny of the ‘out of bounds’ asset data

Previously shown during data import into ISR1

Now must be run as separate report in Data Entry Module



RPLANS Min/Max Area Report

(ISR-Infrastructure)

Report Year: 2004 Page 1

Installation Name: 24004-Aberdeen Proving Ground **Data Date:** **12/10/2003 2:16:00 PM**

12/19/2003 7:39:12 AM

The following facilities have area value outside the area bounds for the associated Facility Category Group and should be verified for accuracy:

INSNO	FCG	FACNO	TYPE	FACILITY SIZE	MIN AREA	MAX AREA	UM
24015	F12300	FUDSL	P	23	1	16	OL
24015	F12450	VHGSA	P	243984	50	200000	GA
24015	F31700	10110	P	80	100	100000	SF
24015	F31900	0424A	P	54	100	650000	SF
24015	F31900	0426A	P	54	100	650000	SF
24015	F31900	0427A	P	54	100	650000	SF

Ensuring Quality ISR Baseline Data

- QA/QC check of ISR Infrastructure data
  - Unit of Measure errors. If in doubt, verify correct UM in **DA Pam 415-28**.
  - Assignment of space in multi-FCG facilities (IFS assignment records issue)
  - Requirements accurately reflected
  - Compare against prior years' data

Ensuring Quality Inspection Results

- Trained inspectors – IAW Chapt 4 of Implementing Instructions
- Current inspection standards – download from web site
- Consider establishing a QA/QC team to check accuracy of completed ratings
  - Spot-check individual facilities with completed rating sheets - accurate ratings?
  - Spot-check facility ratings against last year’s ratings.

Preventable Data Anomalies

- Incorrect unit of measure for the FCG
  - **Check DA Pam 415-28**
  - **Fix the IFS real property record**
  - **Refresh Installation RPLANS with the updated IFS data**
  - **Update HQIFS in regular update cycle**

Preventable Data Anomalies

- Incorrect quantities for buildings with multiple FCGs

  - Space might not be accurately assigned in IFS/PRIDE assignment records

  - Correct the real property record

  - Refresh Installation RPLANS with the updated real property data

  - Update HQEIS in regular update cycle

Preventable Data Anomalies

- Incorrect requirement

  - Submit changes during scheduled RPLANS and ASIP updates

  - ISR Infrastructure requirements based on current approved Region RPLANS

  - Edit Installation RPLANS requirements IAW Region direction. Region-approved edits will appear in updated installation 'ISR Extract' data files.

Importance of Accurate Data

The quality of the ISR baseline data affects:

- ISR-derived costs:
  - **Improvement**
  - **Deficit build-out**
- Our picture of the overall quality of Army facilities
- What we tell OSD and Congress about the readiness of Army installation infrastructure
- Our ability to justify requests for additional SRM funding and MILCON projects

Questions?

Using
ISR Data

Utility of ISR Data

While ISR provides a detailed picture of **Army-wide** infrastructure readiness, it is in fact a ***decision-support system*** with utility at **all levels:**

* Installation
* MSC
* Region
* HQDA

ISR Infrastructure Data

- The ISR Command Viewer is the installation commander's primary tool for viewing and using ISR data
- How ISR data can assist the installation Cdr:

- Focusing resources where most needed

- Identifying trends in infrastructure condition and availability

- Measuring progress

- Assessing the ability of the installation's infrastructure to meet current and projected mission requirements

- Cost estimating

- Project prioritization

How Installations Are Using ISR

- ISR Infrastructure data is filling a variety of needs in a day-to-day decision-support role at installations throughout the Army to help commanders
  - Manage their facilities and infrastructure assets
  - Prioritize and defend resource requirements
  - Improve their readiness posture
- Uses of ISR vary by installation, and are limited only by the desires and imagination of the installation's leadership
- The following are some real-world examples of how some installations use their ISR Infrastructure data

How Installations Are Using ISR

- Measure progress against facilities/infrastructure aspects of installation ‘Strategic Objectives’ plan
  - Improve readiness C-rating
  - Improve deployment/power projection capabilities
  - Improve ‘well being’ programs
  - Highlight areas that do not meet objectives
  - Identify dollar requirements for improvement
  - Track status of ‘high interest’ HQDA priorities; e.g. barracks
- Support Quarterly Assessment briefings
  - Compare installation objectives to Region/Army objectives
  - Benchmark tool – to measure progress in meeting objectives

C3 C1

Fort Campbell
F7210P - Enlisted UPH
Data Year: 2003

SubInsNo	FacNo	UIC	Condition	Comp Ratings	Type	Area	Area2	Historical
21145	02719	W0U4AA	Not Rated		T	36	5310	N
21145	02721	W0U4AA	Not Rated		T	36	5310	N
21145	04067	W0U4AA	Amber	Component	P	176	44106	N
21145	06919	WDQWAA	Red	Component	P	105	20178	N
21145	06920	WDQWAA	Red	Component	P	105	24188	N
21145	06921	WDSTAA	Red	Component	P	105	30993	N
21145	06922	WDSTAA	Red	Component	P	105	26739	N
21145	06923	WDSTAA	Red	Component	P	105	27211	N
21145	06927	WDHUAA	Amber	Component	P	70	25251	N
21145	06928	WDHUAA	Amber	Component	P	73	21589	N
21145	06929	WAB7AA	Amber	Component	P	105	27033	N
21145	06930	WACCAA	Amber	Component	P	105	22972	N
21145	06931	WACCAA	Amber	Component	P	61	21150	N
21145	06936	WACDAA	Red	Component	P	61	21807	N
21145	06937	WARMAA	Amber	Component	P	105	23048	N
21145	06938	WARMAA	Amber	Component	P	102	26727	N
21145	06939	WH10AA	Red	Component	P	105	20176	N
21145	06940	WH10AA	Red	Component	P	128	20240	N
21145	06942	WACEAA	Red	Component	P	105	24101	N
21145	06943	WACEAA	Red	Component	P	105	22162	N
21145	06944	WACEAA	Red	Component	P	105	23288	N
21145	06945	WACDAA	Amber	Component	P	61	22205	N
21145	07039	WACTAA	Green	Component	P	336	126841	N
21145	07044	WACKAA	Green	Component	P	336	126841	N
21145	07094	WJD5AA	Amber	Component	P	384	111448	N
21145	07096	WFJ7AA	Green	Component	P	336	99706	N
21145	07110	WJD5AA	Red	Component	P	100	23628	N
21145	07112	WDLJAA	Green	Component	P	96	25625	N
21145	07118	WDLJAA	Green	Component	P	104	25625	N
21145	07120	WDLJAA	Green	Component	P	96	25625	N
47155	02601	WH2SAA	Amber	Component	P	144	31425	N
47155	02727	W0U4AA	Not Rated		T	36	5310	N

How Installations Are Using ISR

- Provide a standard data system to support the decision-making process for:
  - Operations: where are the worst facilties?
  - Sustainment: how much money should be put where?
  - Modernization: which facilities are most in need of improvement?
  - Revitalization: what facilities need to be replaced?
- Support installation master planning process
  - Consider the quality and quantity of existing facilities

How Installations Are Using ISR

- Replace deficiency reports in installation Mobilization Plans
- Justification for the Utility Modernization Program
- Replace the Inventory & Condition assessments in the Report of Availability to COE
- Support efforts to estimate renovation & repair of specific facility types
- Input on 1391 requests for project funding that exceed local authority to revitalize family housing

How Installations Are Using ISR

- Use RED ratings as the basis for generating Work Orders - but may want to validate actual condition
- Use in conjunction with GIS capability to plot Infrastructure Quality ratings on facility footprint overlay of installation map. Becomes a significant tool to assist in planning and restationing decisions.
- Identify errors in feeder data systems, particularly IFS asset data and RPLANS requirements data.
  - Facility status; e.g., Planned Disposition Codes
  - Unit of measure errors
  - Requirements anomalies

How Installations Are Using ISR

- Training range management and condition assessment.
  - Range Control uses ISR data to validate/ correct Installation RPLANS requirements data. Particularly useful to track/validate consolidated range requirements for a geographic area at a central training location
  - Ensure consistency in reporting conditions and requesting resources
  - Use range ratings to justify funding for ‘planning level’ surveys required by ITAMS
- Identify substandard or unavailable facilities that might affect mission accomplishment

How Installations Are Using ISR

- Communicate installation conditions to higher HQS in supporting resource requests
- Prioritize and allocate SRM funding
- MWR construction review committee use ISR ratings to prioritize and support facility requirements
- Support periodic readiness reviews and quarterly ‘Review & Analysis’ briefings
- Replaced several recurring reports

How HQDA Uses ISR

- Provide the basis for Army input to the Congressionally-mandated Infrastructure Readiness Report (IRR)
- Input to the Army Strategic Readiness System
- The Army's $$ number for backlog of deferred maintenance is derived exclusively from ISR Infrastructure, which is the only credible source for that information
- Input to annual 'Deferred Maintenance' report IAW CFOA requirements
- Project the decline of facility conditions due to funding levels - input to the Facility Degradation Model

How HQDA Uses ISR

- Forms the foundation for the Army Focused Facility Strategy
- ISR Quality and Quantity improvements costs are used directly to build the annual MILCON requirement for the POM
- For facility types addressed in Focused Facility Strategy, ISR Quality to C-1 cost = restoration and moderniczation portion of the MILCON requirement for those facility types
- The ISR cost to bring the installation to C-1 is placed on DD 1390 supporting MILCON projects

Army Focused Facility Strategy Goals

A means to focus the application of scarce resources

Sustainment - ***Fully sustain required facilities to halt deterioration and protect the modernization investment***

Quality Backlog - ***Raise Army from C-3 to C-2, on average, by 2010 by bringing selected facility types to C-1 (see focused facility types below)***

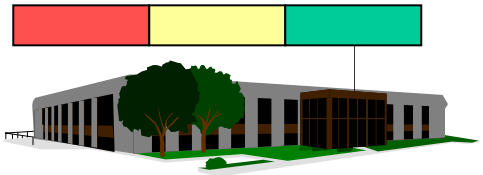
Modernization Focus (Quality Backlog

Focus Facility Types

- ARNG Readiness Ctrs
- USAR Centers
- Fitness Ctrs
- Trainee Bks
- Classrooms
- Veh Maint & Hardstand
- Chapels

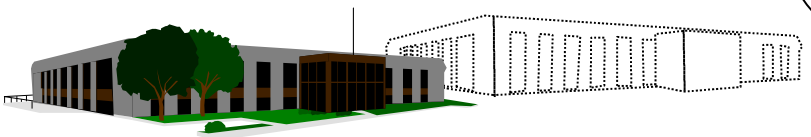
Army Focused Facility Strategy = Focused Investment

Conditions



Source: ISR

Deficits



Source: HQRPLANS

Focused Investment

- *Fully sustain required inventory*
- *Bring selected facilities to C-1 within a specified time period*

BASOPS
Lease

SRM
Sustainment

SRM
Modernization

MILCON
Revitalization

MILCON
New Construction

SRM & MILCON
Demolish

How HQDA Uses ISR

- ISR provides an objective means to connect resourcing to outcomes measured against Army-wide standards
- Stationing Analyses - assessing ability of an installation to accept and support new missions – and associated cost
- HQDA functional proponents for facility types routinely use ISR cost estimates to build requirements and justify programs for those facilities
- Communicate the unhealthy condition of facilities to Army, OSD and Congress

How HQDA Uses ISR

- Enhance our view of Real property Issues
  - Support force structure stationing decision
  - Justify MILCON at HQDA Project Review Boards
- Inform Army leadership of installation conditions and status prior to visits
- Preparation of Information Papers on installation issues
- Responding to Congressional inquiries on specific installation issues
- Reduce redundant data calls

ISR Infrastructure Data

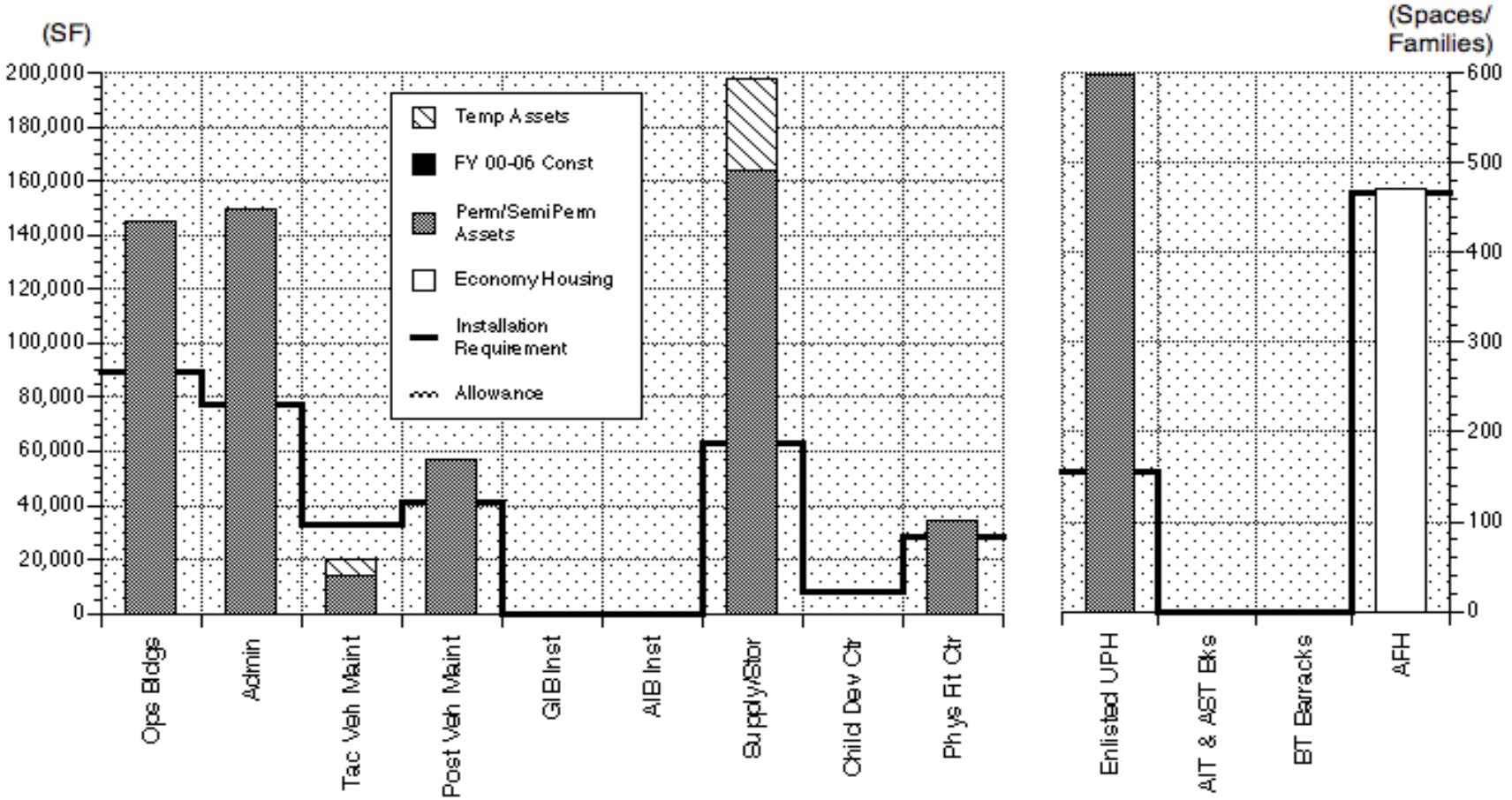
- The full picture of infrastructure readiness is not depicted just by an assets vs requirements comparison
- Must also consider quality component in evaluating ability of the installation’s infrastructure to meet current and proposed future mission requirements
- Examples:

5 Aug 03

Okinawa

Analysis of Essential Facility Requirements – FY 08

DAIM-MD



Notes: • Data Sources: Jun 03 HQR PLANS(v12.5), Mar 03 HQE IS, Sep 02 ASIP, & Oct 02 new construction (FY00-06 MCA, BCA, AFH, NAF).

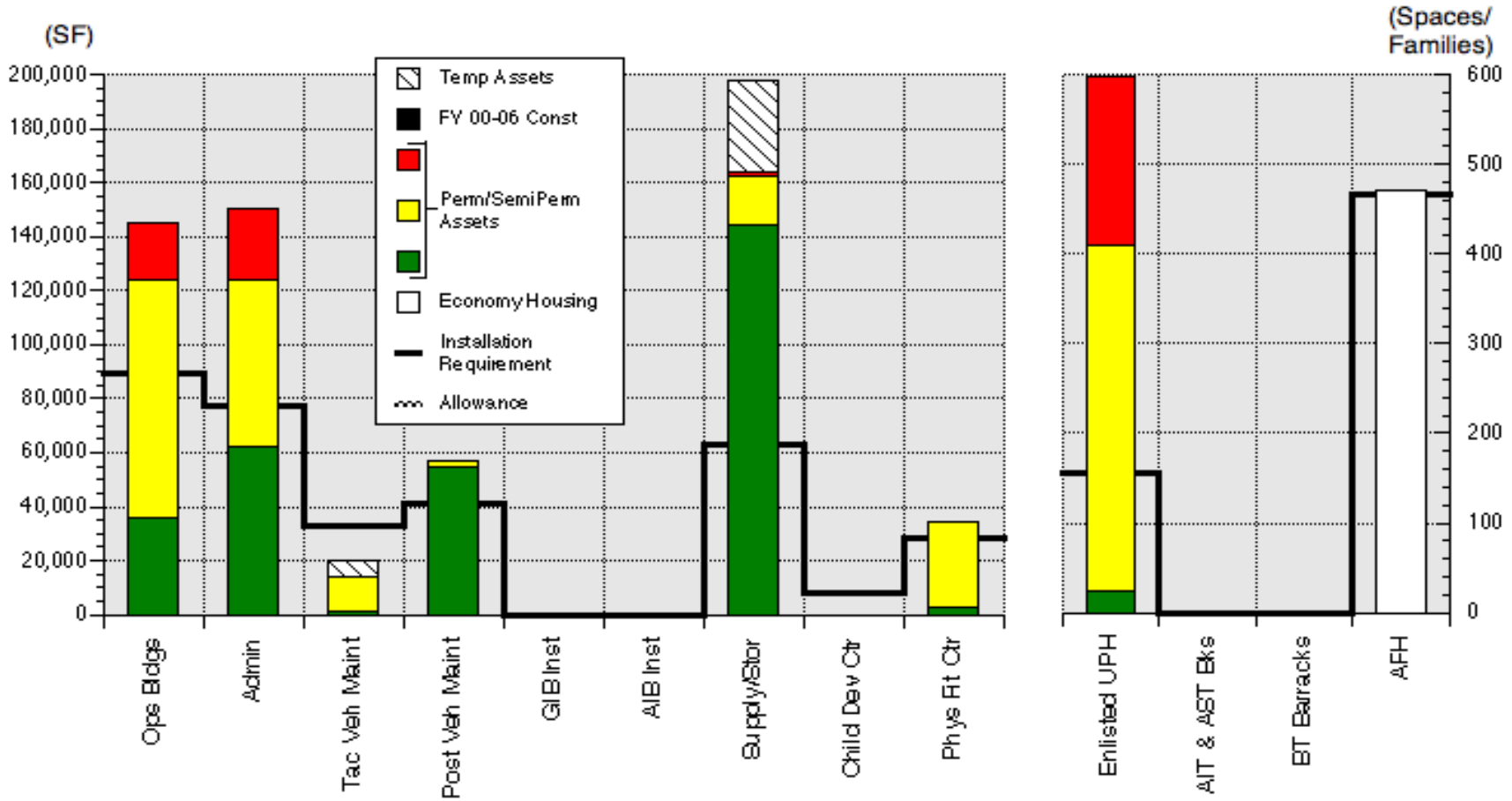
Sep 02 ASIP	Mil	USCiv
• FY 03	755	150
• FY 08	750	144

5 Sep 03

DAIM-MD

Okinawa

Analysis of Essential Facility Requirements – FY 08



Notes:
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- Force Structure from corporate sources - Sep 02 ASIP
- Allowance generated from standard criteria and the ASIP; Requirements, if different, from installation
- Construction from Oct 02 new construction (FY 00-06 MCA, BCA, AFH, NAF)
- Red/Amber/Green Condition Data reported by installations - 2003 ISR

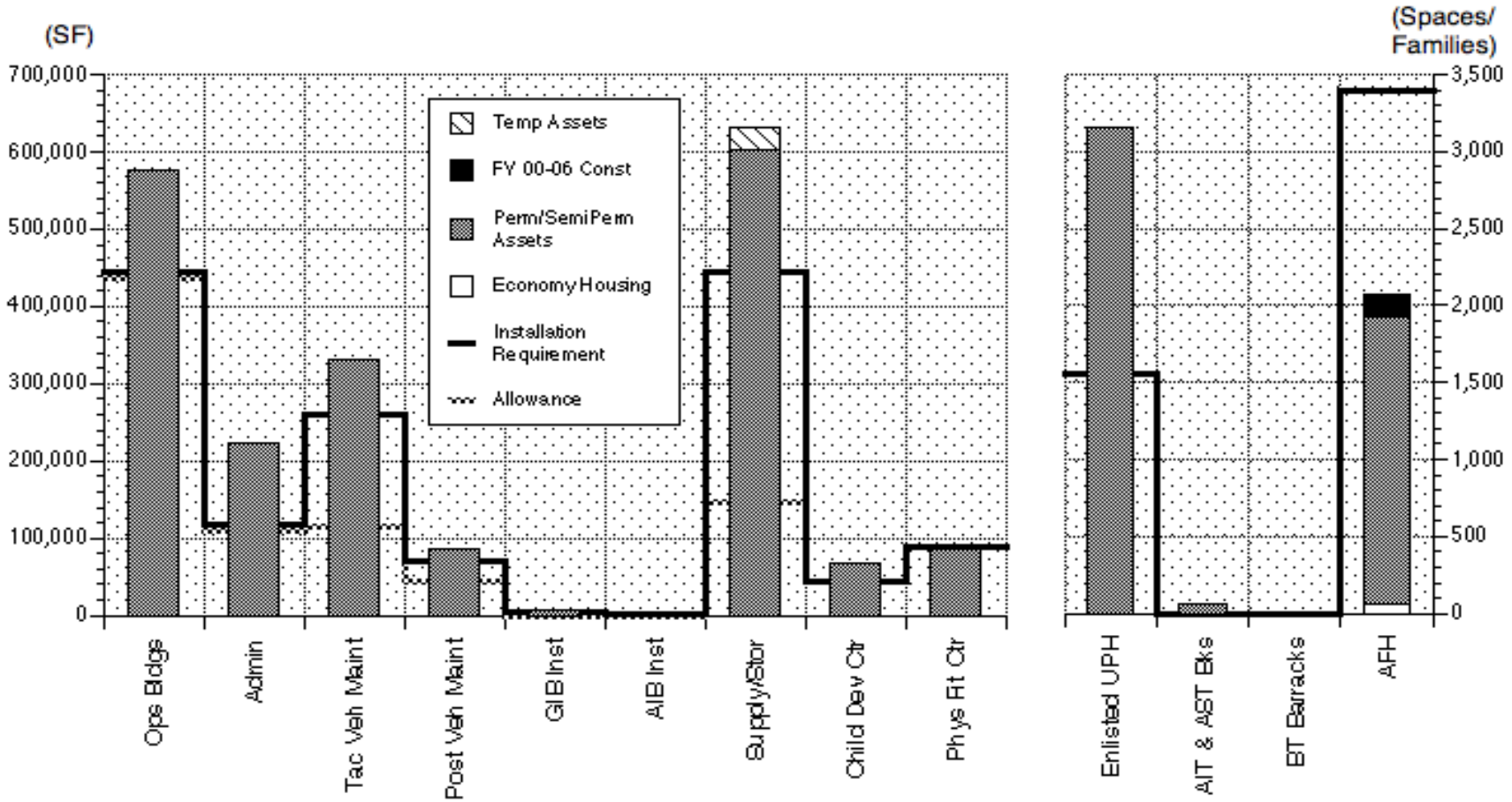
Sep 02 ASIP	Mil	USCiv
• FY 03	755	150
• FY 08	750	144

5 Aug 03

Fort Wainwright

Analysis of Essential Facility Requirements – FY 08

DAIM-MD



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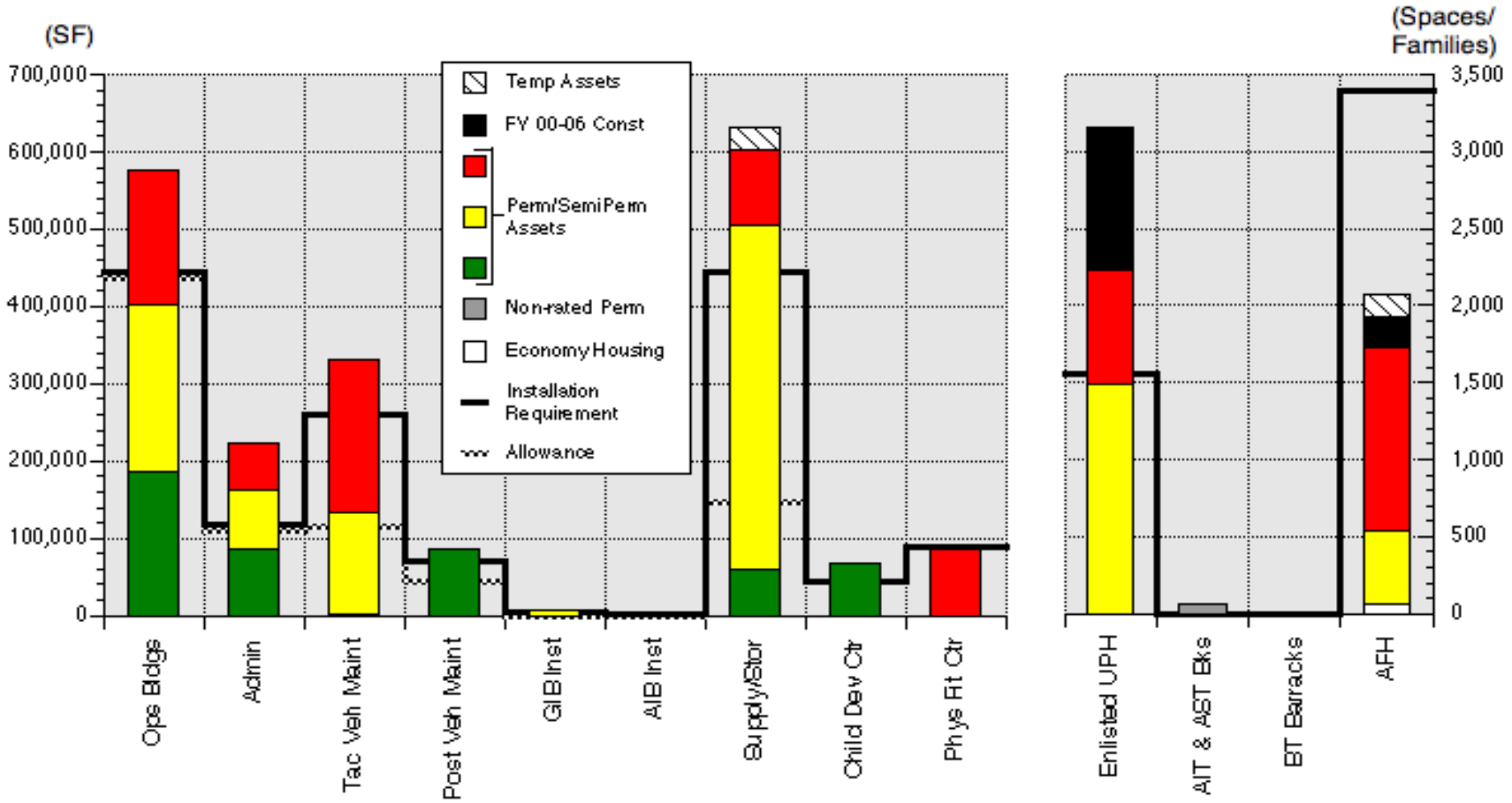
Sep 02 ASIP	Mil	USCiv
• FY 03	4,541	983
• FY 08	4,945	1,034

5 Sep 03

Fort Wainwright

Analysis of Essential Facility Requirements – FY 08

DAIM-MD



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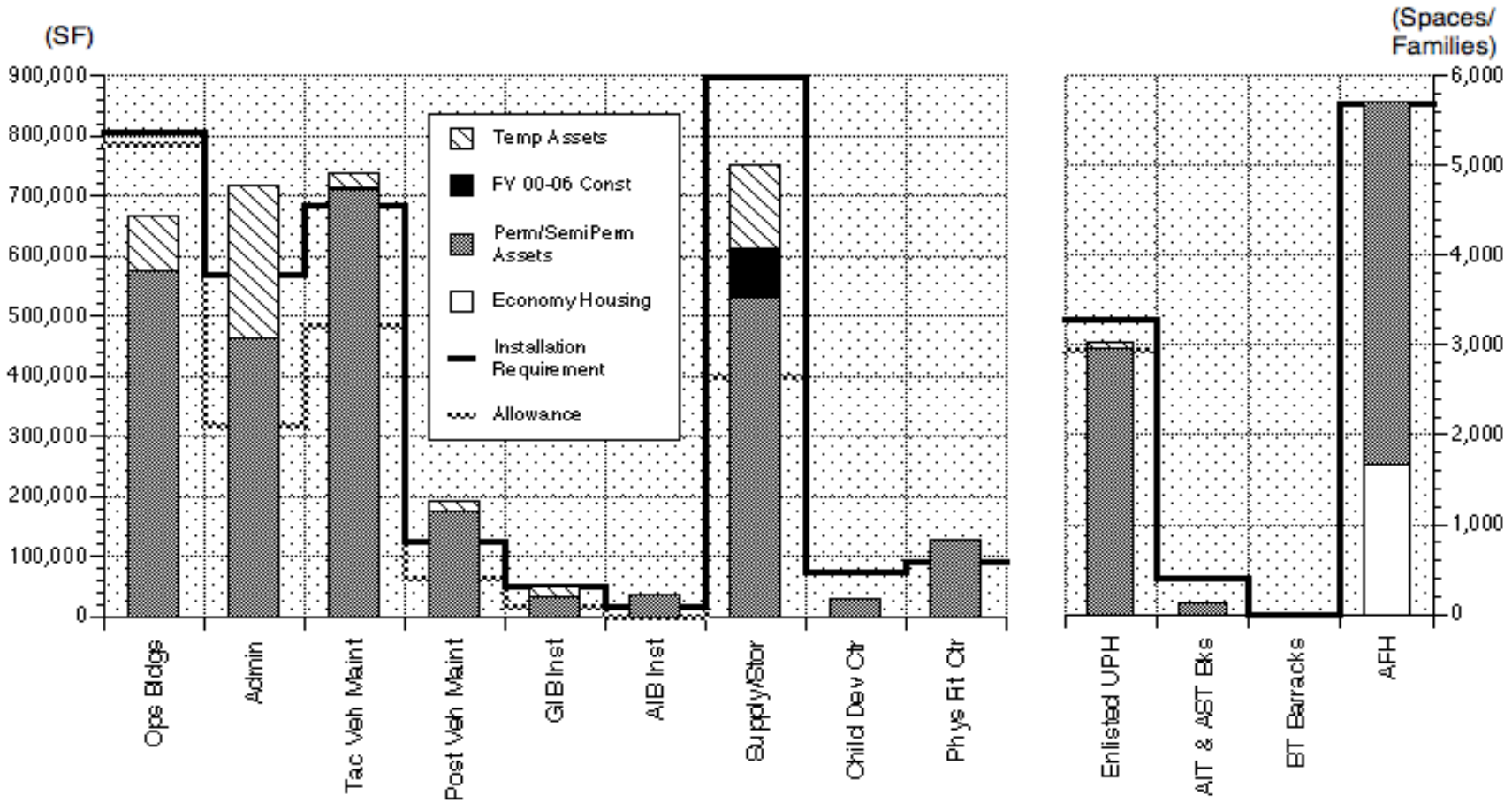
Sep 02 ASIP	Mil	USCiv
• FY 03	4,541	983
• FY 08	4,945	1,034

5 Aug 03

Fort Polk

Analysis of Essential Facility Requirements – FY 08

DAIM-MD



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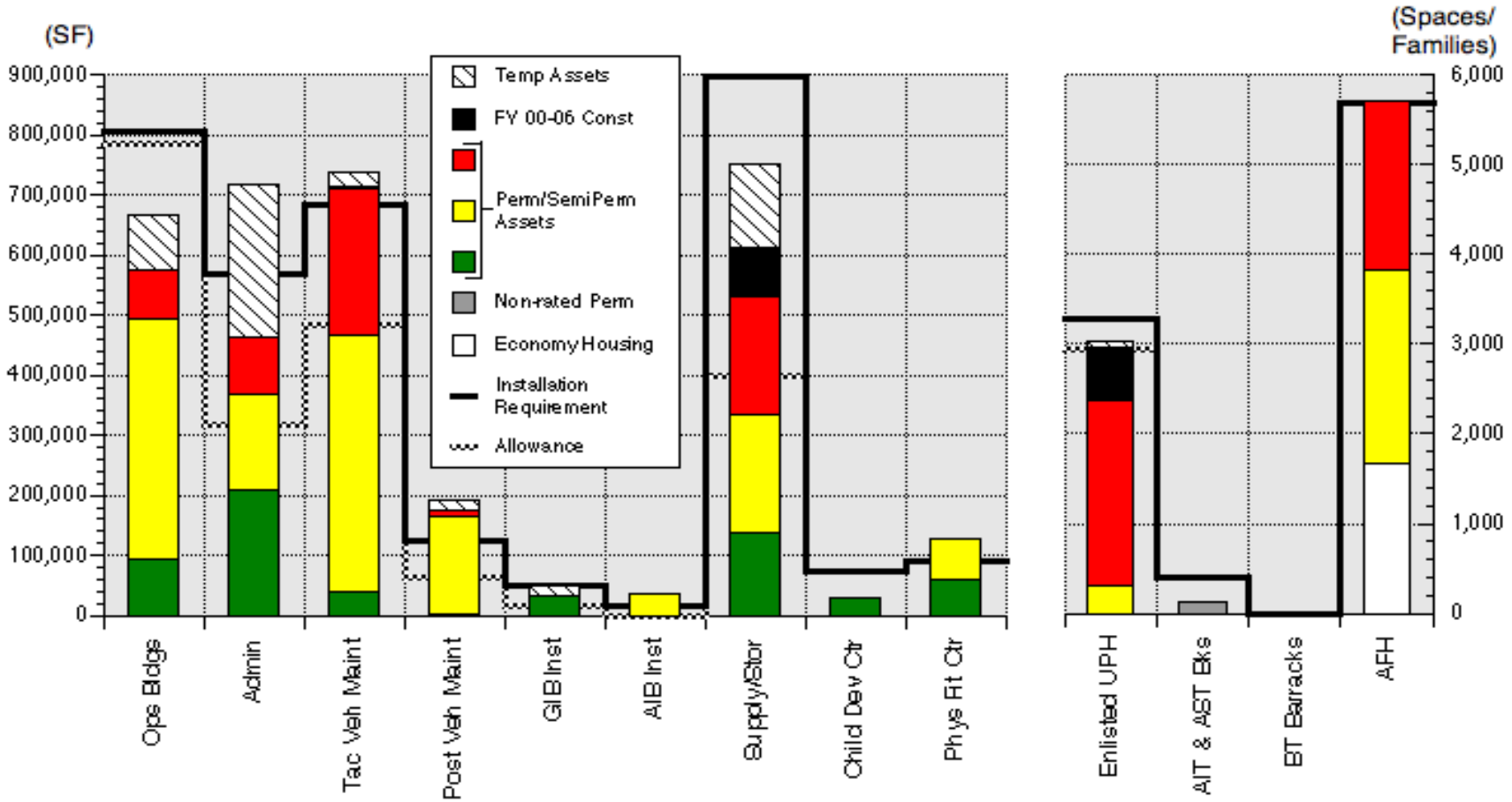
Sep 02 ASIP	Mil	USCiv
• FY 03	16,612	1,995
• FY 08	16,600	1,994

5 Sep 03

Fort Polk

Analysis of Essential Facility Requirements – FY 08

DAIM-MD



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• FY 03	16,612	1,995
• FY 08	16,600	1,994

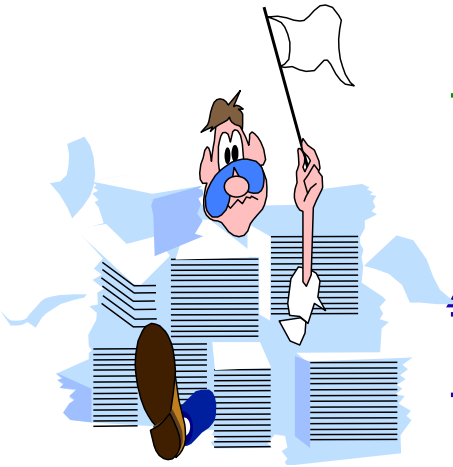
Questions?

ISR Assistance

ISR Help Desk:

Phone: (703) 377-0552
DSN-332-0231

Email: helpline_isr@bah.com



WEB SITE:

http://isr.pentagon.mil

Available for download from Web Site:

- All ISRWeb Applications
- Implementing Instructions
- Standards and Instruction Package
- FAQs